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ANALYSIS TO DETERMINE FUNCTIONAL AND SYSTEMS REQUIREMENTS FOR A--ETC(U)
MAY 79 F O DEPPNER, J J ANDERSON, W C SCULLY MDA903-78-C-0445

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LEVEL II

Report 1070-03-79-CR

Analysis to Determine Functional and Systems Requirements for an On-Line Structure and Composition System (SACS)

Report of Task D
Data Requirements Document

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JUN 27 1979
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By:

Francis O. Deppner
John J. Anderson
Whitney C. Scully

Contract No. MDA903-78-C-0445

May 1979

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OPERATIONS ANALYSIS GROUP

GENERAL RESEARCH CORPORATION

A SUBSIDIARY OF FLOW GENERAL INC.

7655 Old Springhouse Road, McLean, Virginia 22102

Submitted To:

Mr. Gene P. Hill
Force Accounting and Systems Division
Office of the Deputy Chief of Staff for Operations and Plans
Washington, D.C., 20310

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

REPORT DOCUMENTATION PAGE	READ INSTRUCTIONS BEFORE COMPLETING FORM
1. REPORT NUMBER: 1070-03-79-CR	2. GOVT ACCESSION NO. / 3. RECIPIENT'S CATALOG NUMBER
4. TITLE (and Subtitle): ANALYSIS TO DETERMINE FUNCTIONAL AND SYSTEMS REQUIREMENTS FOR AN ON-LINE STRUCTURE AND COMPOSITION SYSTEM (SACS); Report of Task D, Data Requirements Document.	5. TYPE OF REPORT & PERIOD COVERED: Final Report, May 1979
	6. PERFORMING ORG. REPORT NUMBER
7. AUTHOR(s): Francis O. Deppner, John J. Anderson, Whitney C. Scully	8. CONTRACT OR GRANT NUMBER(s): MDA 903-78-C-0445
9. PERFORMING ORGANIZATION NAME AND ADDRESS: General Research Corporation, Resource Management Operations, 7655 Old Springhouse Rd., McLean, Virginia 22102	10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS
11. CONTROLLING OFFICE NAME AND ADDRESS: HQDA (DAMO-FDA), The Pentagon, Washington, D. C. 20310	12. REPORT DATE: 23 May 1979
	13. NUMBER OF PAGES: 258
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) 153p.	15. SECURITY CLASS. (of this report): UNCLASSIFIED
	15a. DECLASSIFICATION/DOWNGRADING SCHEDULE

16. DISTRIBUTION STATEMENT (of this Report)

Approved for open literature

This document has been approved for public release and sale; its distribution is unlimited.

17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)

18. SUPPLEMENTARY NOTES

19. KEY WORDS (Continue on reverse side if necessary and identify by block number)

Functional Concept	SACS
Data Timeliness Criteria	LOGSACS
Data Accuracy Criteria	PERSACS
Data Requirements	EDATE Rules

20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

An improved/on-line SACS processing concept and supporting data requirements were formulated during the period of April-May 1979 by General Research Corporation. This concept takes advantage of existing feeder systems and their associated data elements. To implement the concept some changes to feeder systems will be required.

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SECURITY CLASSIFICATION OF THIS PAGE (When Data Entered)

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Block 4.

REPORT OF TASK D - DEVELOP THE DATA REQUIREMENTS
FOR AN ON-LINE LOGSACS AND PERSACS

Block 19.

Unit Documentation
Edits Data Element Values
Audit Rules
Data Flow
Basis of Issue Plan (BOIP)
Short Hand Notes (SHN)
Factoring
Data Management
System Configuration Management and Control
Center (SYCMACC)
Management of Change (MOC)

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ABBREVIATIONS AND ACRONYMS

AAO	Army Acquisition Objective
ACC	US Army Communications Command
ADCON	Army Deployment Control Code
AESRS	Army Equipment Status Reporting System
AFP	Army Force Program
AMSCO	Army Management Structure Code
AOC	Army Operations Center
ARSTAF	Army Staff
AS	Authorization Subsystem
ASI	Additional Skill Indicator
AUDB	Authorizations Data Base
AURS	Automated Unit Reference Sheet
AUTS	Automated Update Transaction System
BOIMARS	Basis of Issue Monitoring and Recording Systems
BOIP	Basis of Issue Plan
Br	Branch
BY	Budget Year
CBS	Civilian Budgeting System
CCNUM	Command Control Number
CCT	Consolidated Change Table
COMPO	Component Code
CONUS	Continental United States
CPU	Central Processing Unit
CSR	Chief of Staff Regulations
CY	Calendar Year

DA	Department of Army
DAMO-FDA	DCSOPS, Force Management, Force Accounting and Systems Division
DAMO-RQR	DCSOPS, Requirements, Requirement Programs and Priorities Division
DAMPL	Department of the Army Master Priority List
DAPE-MBA	DCSPER, Manpower, Plans and Budget, Allocation and Documentation Division
DAPPL	Department of the Army Planning Priority List
DARCOM	US Army Materiel Development and Readiness Command
DBMS	Data Base Management System
DCSLOG	Deputy Chief of Staff for Logistics
DCSOPS	Deputy Chief of Staff for Operations and Plans
DCSPER	Deputy Chief of Staff for Personnel
DCSRDA	Deputy Chief of Staff for Research, Development, and Acquisition
DEPLO	Deployment Location Code
DESCOM	US Army Depot System Command
DPMNT	Deployment
DPI	Data Processing Installation
DPS	Decision Package Set
EARA	US Army Equipment Authorization Review Activity
EDATE	Effective Date
EQPF	Equipment Phasing File

ERC	Equipment Requirement Code
FAS	Force Accounting System
FDMIS	Force Development Management Information System
FICOD	Force Identification Code
FORDIMS	Force Development Integrated Management System
FSS	Force Structure Subsystem
FYDP	Five Year Defense Plan
Gd	Grade
HQDA	Headquarters Department of Army
H-530	Equipment Validation Report (prepared at DESCOM from LOGSACS data)
IIQ	Initial Issue Quantity
ITAADS	Installation TAADS
JCS	Joint Chiefs of Staff
LEA	US Army Logistics Evaluation Agency
LIC	Language Indicator Code
LIN	Line Item Number
LOGSACS	Equipment (Logistics) Structure and Composition System
MACOM	Major Command
MILID	Military Identity Aggregate
MILPERCEN	US Army Military Personnel Center
MIS	Management Information System
MOC	Management of Change
MOS	Military Occupational Specialty
MRC	US Army Materiel Readiness Command
MTOE	Modified Table(s) of Organization and Equipment

NATO	North Atlantic Treaty Organization
ODCSLOG	Office, Deputy Chief of Staff for Logistics
ODCSOPS	Office, Deputy Chief of Staff for Operations and Plans
ODCSPER	Office, Deputy Chief of Staff for Personnel
ODCSRDA	Office of the Deputy Chief of Staff for Research, Development, and Acquisition
OPAGY	Operating Agency
OSD	Office of the Secretary of Defense
PAAS	Personnel Authorizations Analysis System
PBG	Program and Budget Guidance
P/BS	Program/Budget Subsystem
PDM	Program Decision Memorandum
PEM	Phased Equipment Modernization
PERDIMS	Personnel Deployment and Distribution Management System
PERSACS	Personnel Structure and Composition System
POM	Program Objective Memorandum
POMCUS	Prepositioning of Materiel Configured to Unit Sets
PPBS	Planning, Programming, and Budgeting System
PROFA(FORFA)	Master Force
PY	Program Year
QQPRI	Qualitative and Quantitative Personnel Requirements Information
Qtr	Quarter
Qty	Quantity
RCOMD	Resource Command
RDAISA	US Army Research, Development, Acquisition Information Systems Agency

RDP	Required Deployment Data
REQVAL	Requisition Validation
ROBCO	Readiness Objective Code
ROMSR	Rounding by Most Significant Residuals
SACS	Structure and Composition System
SA	Semi-Annual
SAMPAM	System for Automation of Materiel Plans for Army Materiel
SB	Supply Bulletin (700-20)
SHN	Shorthand Note
SIGMA	SACS Information Gathering and Management Analysis System
SRC	Standard Requirements Code
SSN	Standard Study Number
SYCMACC	System Configuration Management and Control Center
TAA	Total Army Analysis
TAADS	The Army Authorization Documents System
TAEDP	Total Army Equipment Distribution Program
TDA	Tables of Distribution and Allowances
TC	Type Classification
TL	Troop List
TLR/S	Total Logistic Readiness/Sustainability
TOE	Tables of Organization and Equipment
TRADOC	US Army Training and Doctrine Command
UIC	Unit Identification Code

UIS	Unit Identification System
USAMSSA	US Army Management Systems Support Agency
VFAS	Vertical, Force Accounting System
VFDMIS	Vertical, Force Development Management Information System
VTAADS	Vertical, The Army Authorization Documents System

DATA ELEMENT INDEX

Number	Mnemonic	Title
1	ACTCO	Action Code
2	ADCON	Army Deployment Control Code
3	AMSCO	Army Management Structure Code
4	ARLOC	Army Location Code
5	ASICO	Additional Skill Indicators
6	AUBFA	Authorized Before Factoring
7	AUSTR	Authorized Strength
8	AUTHR	Authority
9	AUTEQ	Authorized Equipment
10	BASIS	Basis Code
11	BPTRI	BOIP Personnel Trade-off Requirements Indicator
12	BRNCH	Branch of Service Code, Unit
13	BRNCP	Branch of Service Code, Personnel
14	CARSS	Combat Arms Regimental System
15	CATCO	Category Code
16	CCNUM	Command Control Number
17	CHGNR	Change Number-SRC
18	COMPO	Component Code
19	DAMPL	Department of Army Master Priority List
20	DAPPL	Department of Army Programming Priority List
21	DOCNO	Document Number
22	DPMNT	Deployment Area and Month
23	DSCMP	Display/Compute Indicator
24	EDATE	Effective Date
25	ELSEQ	Element Sequence Number
26	ERCOD	Equipment Readiness Code
27	FICOD	Force Identification Code
28	FNCAT	Functional Category Code
29	FORCO	Force Code
30	GRADE	Grade or Position
31	IDENT	Identity Code

Number	Mnemonic	Title
32	JCSTY	JCS Unit Type Code
33	LAOTH	Logistics Authorized, Other
34	LAUBO	Logistics Authorized from BOIP
35	LAUSH	Logistics Authorized from Shorthand Notes
36	LAUTA	Logistics Authorized TAADS Quantity
37	LAUTO	Logistics Authorized TOE Quantity
38	LICCO	Language Identification Code
39	LINUM	Line Item Number
40	LOCCO	Location Code
41	LRBOI	Logistics Requirement from BOIP
42	LROTH	Logistics Required, Other
43	LRSHN	Logistics Required from Shorthand Notes
44	LRTAD	Logistics Required TAADS Quantity
45	LRTOE	Logistics Required TOE Quantity
46	MACOM	Major Command
47	MBCMD	Mobilization Command Assignment
48	MBLOC	Mobilization Location Code
49	MBPRD	Mobilization Period
50	MBSTA	Mobilization Station
51	MOSCO	Personnel Occupational Specialty Code
52	NTREF	Note Reference Number
53	OPAGY	Operating Agency
54	OPDAT	Operational Data
55	PACIV	Unit Authorized Civilian Aggregate Strength
56	PAENL	Unit Authorized Enlisted Strength
57	PAMIL	Unit Authorized Military Aggregate Strength
58	PAOFF	Unit Authorized Officer Strength
59	PAUBO	Personnel Authorized from BOIP
60	PAUSH	Personnel Authorized from Shorthand Notes
61	PAUTA	Personnel Authorized TAADS Strength
62	PAUTO	Personnel Authorized TOE Strength
63	PAWOF	Unit Authorized Warrant Officer Strength
64	PECOD	Program Element Code

Number	Mnemonic	Title
65	PHASE	Phase Code
66	POMCL	POMCUS ID for LIN
67	POMCU	POMCUS ID for Unit
68	PRBOI	Personnel Requirement from BOIP
69	PRCIV	Required Civilian Aggregate Strength
70	PRENL	Required Enlisted Strength
71	PRMIL	Required Military Aggregate Strength
72	PRMK1	Personnel Remarks One
73	PRMK2	Personnel Remarks Two
74	PROFF	Required Officer Strength
75	PRQSH	Personnel Required Shorthand Notes
76	PRQTA	Personnel Required TAADS Strength
77	PRQTO	Personnel Required TOE Strength
78	PRWOF	Required Warrant Officer Strength
79	RCNUM	Record Control Number
80	REPCO	Report Code
81	REQEQ	Required Equipment Quantity
82	ROBCO	Readiness Objective Code
83	RQSTR	Required Strength, Personnel
84	SORCE	Source of Detail Data
85	SPLIT	Split Unit Indicator
86	SRCTO	Standard Requirements Code
87	STAFA	Staff Analyst
88	STATS	Unit Status Code
89	STNNM	Station Name
90	TDATE	Termination Date
91	TPSNA	Troop Program Sequence Number
92	TYPCO	Type Code
93	UICOD	Unit Identification Code
94	UNCLC	Unit Classification Code
95	UNMBR	Unit Number
96	UNPID	Unit Package Identification Designator
97	UNTDS	Unit Description

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SECTION 1
INTRODUCTION

1.1 BACKGROUND

This report covers Task D, "Develop the data requirements for an on-line LOGSACS and PERSACS," of an ODCSOPS project entitled "Analysis to Determine Functional and Systems Requirements for an On-Line Structure and Composition System (SACS)," Contract Number MDA903-78-C-0445, 26 September 1979. Task D required that an improved on-line SACS functional concept and data elements to support the concept be identified. The task objectives were to:

- Specify functional concept
- Specify data timeliness criteria
- Specify data accuracy criteria
- Specify data elements to support the concept

1.2 RESEARCH METHODOLOGY

The methodology employed was to formulate a "preliminary draft of data requirements" for the improved/on-line SACS concept. This draft document was distributed to the Army Staff (ARSTAF) and selected field activities for written comments. In addition, a briefing/seminar was held on 26 April 1979 to discuss the contents of the preliminary draft. The written and oral comments that were provided are incorporated herein.

1.3 SCOPE

The scope of this task encompassed the LOGSACS and PERSACS products, the requirement for an improved/on-line SACS which incorporates the Basis of Issue Plan (BOIP) and modernization phasing in both the LOGSACS and PERSACS, and the requirement to specify timeliness and accuracy standards.

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SECTION 2
FUNCTIONAL CONCEPT

2.1 GENERAL

The Structure and Composition System (SACS) produces data on unit requirements and authorizations for the current, budget, program, and out years. These data are provided to the Army Staff (ARSTAF) and field activities for purposes of logistics and personnel management. The specific SACS data are identified as the LOGSACS and the PERSACS. These data are used in the logistics functions of procurement, distribution, redistribution, reserve stockage, and requisition validation, and in the personnel functions of recruiting, training, distribution, promotion, and reclassification.

2.2 CONCEPT

The improved/on-line SACS concept will utilize, to the extent possible, current and developing systems and their associated data to synthesize the unit requirements and authorizations data. These data will reflect resources allocated to all units through the Planning, Programming, and Budgeting System (PPBS) and the Program and Budget Guidance (PBG) or other resource allocation documents.

This concept will incorporate revised SACS software that will provide more timely and accurate processing. Envisioned for the revised SACS are:

- Maximum use of interactive software
- More stringent data edits
- Improved data audits
- Improved data flow and update frequency
- Improved EDATE rules with provisions for exceptions
- Improved rules for documenting requirements and authorizations

- Improved SACS documentation
- Training for SACS data users
- Improved BOIP processing to include the use of BOIP in both LOGSACS and PERSACS
- Improved SHN development
- Improved data management and system control

2.3 IMPLEMENTATION

The implementation of an improved/on-line SACS to achieve an objective of more timely and accurate data will have standards[1] as follows:

a. Timeliness: Data flowing to the functional users of LOGSACS and PERSACS must contain the same data as in current use at field units for requisitioning equipment and personnel. Therefore, all units must be documented for the current, budget, and program years. In Appendix A are specific data element timeliness requirements. Timeliness requirements are based on current processing, data flows, and an improvement in the management of change (MOC) windows for TAADS which will permit four annual submissions to HQDA. As these change, the timeliness standards will change accordingly.

b. Accuracy: Data flowing to the functional users of LOGSACS and PERSACS must reflect all units as determined by SACS selection criteria to include the personnel and equipment detail data. The objective is 100% accuracy in all data elements for the current, budget, and program years' documentation.

c. EDATEs: EDATE rules (applicable to all force structure systems) are:

---

[1] Exceptions to standards will be authorized by HQDA only.

(1) EDATEs will be established on the sixteenth day of the month only.[1]

(2) Initial EDATEs will be established to provide lead time[2] of:

(a) CONUS units - maximum of 13.5 months. This represents 6 months functional-response time, from 1 day to 3 months for HQDA established EDATEs or from 1 day to 6 months for field established EDATEs, and 1.5 months for SACS system time.

(b) Overseas units - maximum of 16.5 months. This represents 9 months functional-response time, from 1 day to 3 months for HQDA established EDATEs or from 1 day to 6 months for field established EDATEs, and 1.5 months for SACS system time.

(3) Changes to a unit EDATE may be made with lead time of:

(a) CONUS units - 6 months

(b) Overseas units - 9 months

(4) EDATE changes directly related to resource changes and specific data elements have timeliness requirements defined in Appendix A criteria.

(5) Exceptions may be authorized by HQDA based on prevailing circumstances.

---

[1] Establishing EDATEs on the sixteenth day of each month only will accommodate readiness reporting and serve other purposes as well.

[2] EDATEs with less lead time do not permit functional response to requirements and authorizations. EDATE could be redefined and applied with respect to resource changes in detail records as well as maintaining an EDATE in unit header records for force structure actions. This concept would provide significant flexibility in interfacing with functional personnel and logistic systems. For example, as MOS, grade, and quantity authorized change, the projected EDATE of the change would be recorded with the detail data; and as items of equipment are changed or quantities modified, the projected EDATE would be recorded with the detail change.

d. Documentation:

(1) Unit documentation once submitted for an EDATE may not be changed. Required changes to personnel or equipment detail, whether proponent approved or proponent proposed, will be for a future EDATE only.[1] Therefore, once a CCNUM is applied to a set of documents, changes to those documents must have a new EDATE and CCNUM applied.

(2) Split units based upon geographically separated locations must be documented. In this respect, the AR-310 series applicable to TAADS documentation must be changed to reflect a requirement to document geographical differences as well as major command differences. When units have a subunit at a different geographical location, separate TAADS documents are required and such separated data must be perpetuated in SACS so that functional users are provided geographical split-unit documentation for both MTOE and TDA units.

e. Edits: Edits serve two essential purposes:

- To ensure that input data values meet acceptable established standards prior to processing for storage and that they are compatible with data values already in storage.
- To ensure that output data meet the data users' accuracy standards.

Therefore, the SACS proposed edits must ensure that individual stand-alone data element values meet the exact standard and requirement as specified in an authorizing document. The data element values or the data element authorizing documents are identified in Appendix B with the individual data element descriptions.

- Logical relationships between two or more data elements must be edited for compatibility. Examples: (1) Command code and location code have a relationship and, hence, supportive

[1]This concept will reduce requirements and authorizations turbulence, encourage more future documentation, and reduce some workload by not documenting changes for an EDATE after it has once been documented.

values. (2) POMCUS identification and location codes have a relationship and, hence, supportive values. (3) ADCON and DAMPL or DAPPL have a relationship and, hence, supportive values.

- Logical relationships exist between data elements of two or more records. Logical relationships of all data contained in the records of a single UIC must be edited. For example, the POMCUS identificatin code recorded in two or more records applicable to a UIC must have logical meaning for implementation purposes.

EDATE Record	Logical POMCUS	Illogical POMCUS
790401	Yes	Yes
790701	yes	Yes
790901	No	No
800201	No	Yes
810101	No	Yes

In this example, the logical POMCUS documentation is a clean change, whereas the illogical POMCUS identification shows a unit which, after a 6 month period, reverts to non-POMCUS. Even if intentional, this 6 month POMCUS identification does not allow sufficient time for a response to the changed requirements.

The edit standards and requirements defined for all data values are generally included in the document that authorizes the data element. However, to ensure that required edit rules are properly implemented it will be essential to define the specific edit rules that are to be implemented within either SACS processes or the overall force structure system that feeds data to SACS. The edit rules can be based on information contained in the data description sheets at Appendix B. Therefore, precise edits must ensure that data values are edited at the time of input regardless of which feeder system provides the data values to SACS. Precise edits must ensure that:

(1) Data values are 100% accurate.

(2) Data values that have a compatibility relationship to one or more other data values are identified to meet criteria of 100% accuracy.

(3) Data values that have a logical relationship in two or more records that comprise a record set for a single UIC must meet the criteria of 100% accuracy.

(4) Specific edit rules are implemented with respect to specific processing or logic rules.

f. Audit:[1] Audit rules must be established for the purpose of unit and detail record accountability to ensure that all header and unit detail records input to SACS processes are properly output to the users of SACS data. To implement this concept, record accountability criteria will be established for perpetuation through the SACS processes that provide the capability of ensuring output record counts equal the input record counts. In this respect, minimum accountability requirements will be specified for:

	FAS (FSS)	TAADS (AS)	TOE
(1) Input:			
Unit header records	X	X	X
Personnel detail records		X	X
Equipment detail records		X	X
(2) Output:			
Unit header records	X	X	X
Personnel detail records		X	X
Equipment detail records		X	X

The audit concept can be further expanded to include subtotals for MTOE and TDA units within MACOM and other meaningful breakouts that may be applicable.

[1]These audit rules are not intended to apply to data values contained in records that describe units. It will be presumed that edits will ensure accurate data without audits of data values.

g. Data Flow: The current data flow of detail requirements and authorizations is to HQDA and thence to users through SACS (LOGSACS and PERSACS) for the current, budget, program, and out years. SACS utilizes these and other data in preparing the LOGSACS and PERSACS. The TAADS data flow is currently constrained by the MOC. A change to MOC is proposed to permit TAADS data to flow to HQDA four times each year. This will improve the data timeliness and accuracy, if adopted. Additional data supportive of four MOC windows will be submitted at a later date as part of Task F to this contract.

h. Basis of Issue Plan (BOIP): There is a continuing need to improve BOIP information processing as well as expand its use to the personnel data developed in SACS (PERSACS). One concept is to upgrade its processing at HQDA and link BOIP to applicable units by SRC or UIC, as appropriate. The concept should include the capability to develop BOIP impact, by SRC or UIC as BOIP data are changed, for review and possible retention for subsequent retrieval. Also, as modernization data are available for phasing equipment into the force, it will be used to reflect personnel phasing in PERSACS. Additionally, BOIP should identify trade-off personnel resources.

i. Short Hand Notes (SHN): There is a continuing need to improve the SHN application in LOGSACS and to implement its use in PERSACS. The SHN system must be upgraded for on-line operations incorporating the capability to utilize permanent and temporary SHN controlled by date and processing cycle.

j. Factoring (applicable to PERSACS only): The current factoring concept computes a percentage decrease or increase by MOS and grade quantities to balance TAADS or TOE with the aggregate military personnel requirement of the Force Accounting System (FAS). In order to improve the factoring process, the following alternative methodology is provided for consideration. It has the capability to:

- Be more effective on strength reductions since it reduces proportionately by grade and MOS. Hence, grade and MOS

distortions introduced by the current factoring process should be eliminated.

- Provide a proportionate grade and MOS spread on strength increases. Like the present factoring process, this concept does not introduce new MOS and grade differences. However, this capability could be developed through a coordinated DAPE-MBA and DAMO-FDA technique, if desired.

The upgraded factoring concept is known as "Rounding by Most Significant Residuals (ROMSR)." It is a computational algorithm that provides unbiased precise adjustment of resource levels in one system to resource levels imposed by another system. It can be applied to adjust increased or decreased resource levels. ROMSR functions as follows:

(1) For illustrative purposes, assume that TAADS(AS) or TOE reflects a strength of 100 spaces, while FAS(FSS) reflects a strength of 90 spaces for the same UIC. The total number of spaces output in PERSACS cannot exceed the FAS(FSS) strength. Therefore, a "reduction factor" must be developed:

$$\text{Reduction Factor} = \frac{\text{FAS(FSS) Strength}}{\text{TAADS(AS) or TOE Strength}} = \frac{90}{100} = .9$$

(2) This reduction factor of .9 is used to adjust the TAADS(AS) or TOE detail data as follows:

MOS	TAADS(AS) TOE Strength	x	Reduction Factor	=	Adjusted Strength	Whole Numbers	Residuals
A	11		.9		9.9	9	.9
B	9		.9		8.1	8	.1
C	12		.9		10.8	10	.8
D	15		.9		13.5	13	.5
E	24		.9		21.6	21	.6
F	29		.9		26.1	26	.1
	100				90.0		3.0

This process produces the adjusted strengths by MOS and grade with a residual fraction. Since strength quotations (manpower requirements and authorizations are whole numbers only) must exist as whole numbers, the residual fractions must be allocated as follows:

Strength	Engineer Rounding Rule	Whole Numbers	Residuals	Residual Allocation	Final Adjusted Strength
9.9	10	9	.9	1[a]	10
8.1	8	8	.1		8
10.8	11	10	.8	1[b]	11
13.5	14	13	.5		13
21.6	22	21	.6	1[c]	22
26.1	26	26	.1	_	26
90.0	91	87	3.0	3	90

The residuals total will never exceed 9.9. The Engineer Rounding Rule cannot apply because of the arbitrary rule that 0.5 and higher is rounded to 1. Therefore, the residual allocation rule is to determine and adjust the difference between total adjusted strength including the decimal numbers and the total adjusted strength minus the decimal numbers or the total of the whole numbers. In the above example, the residual allocation is 3. The residual allocations are:

- a: allocate 0.1 to 0.9 to equal 1.0
- b: allocate 0.2 to 0.8 to equal 1.0
- c: allocate 0.4 to 0.6 to equal 1.0

This allocation completes the problem and the results are reflected in the "final adjusted strength" column.

ROMSR functions in a reverse manner for increases by developing an increase factor which would always be greater than 1.0.

k. Data Management: To improve data management, all SACS related systems should function under the aegis of an ARSTAF force structure system configuration management and control group (SYCMACG) that would have primary responsibility for systems changes regarding:

- Data flow
- Edit rules
- Audit rules
- Processing criteria
- Interface requirements

The SYCMACG would be responsible for:

- Acting upon functional system requirements
- Investigating system problems
- Investigating data problems
- Developing and coordinating system and data revisions
- Developing and coordinating data flow between systems
- Developing system interfaces
- Implementing procedures that are equally applicable to the current, budget, and POM years
- Developing standard documentation

The SYCMACG responsibilities would involve the appropriate HQDA and field systems. Such systems would be FORDIMS, VFDMIS, VTAADS, TOE, BOIP, SHN, AURS, and others. The SYCMACG would be sensitive to data implementation and flow problems involving MOS, LIN, AMSCO, PBG, CCT, and other data that are implemented in either SACS or a SACS feeder system.

The initial SYCMACG should be a committee composed of ARSTAF members with the ODCSOPS (DAMO-FDA) providing the chairperson and recording secretary. The committee would be responsible for establishing the SYCMACG operating guidelines and structure.

2.4 IMPROVED/ON-LINE PROCESSING REQUIREMENTS

The improved/on-line processing will encompass:

- The use of unaltered files provided by TRADOC, DESCOM, and HQDA.
- The BOIP and modernization phasing in both LOGSACS and PERSACS.

- The improvement in data flow.
- The implementation of EDATE rules.
- The standardization of data elements among feeder systems.
- The development of improved management and configuration control procedures.
- The development of interactive software for development, processing, and retrieval of SACS data.
- The development of systems and training documentation.

Figure 2.1 is a general schematic depicting the proposed improved/on-line SACS. Its processes will encompass current files maintained by existing or developing systems. The upgraded SACS software will utilize these files and software yet to be developed. The operational concept requires that the improved/on-line SACS software process under computer terminal control without intervention by operational personnel at the supporting data processing installation (DPI). The concept presupposes that SACS data reviews and impact determinations will be a continuous process and that the feeder data will be available to generate both LOGSACS and PERSACS in a period of not more than 2 days.

The SACS software will operate separately from other functional software but will closely interface with existing systems. In this respect, it is envisioned that the improved/on-line SACS will require additional linkages be established between existing on-line data files for purposes of synchronization, processing, and retrieval; will require some existing off-line files be established on-line and linked to the principal SACS files; and will require a new file which reflects the phasing of new equipment into units.

a. Files: The processing concept requires that:

- All off-line files be established as on-line files for SACS and other purposes. The TOE, BOIP, and an Equipment Phasing File (EQPF) are in this category. The EQPF is a new file

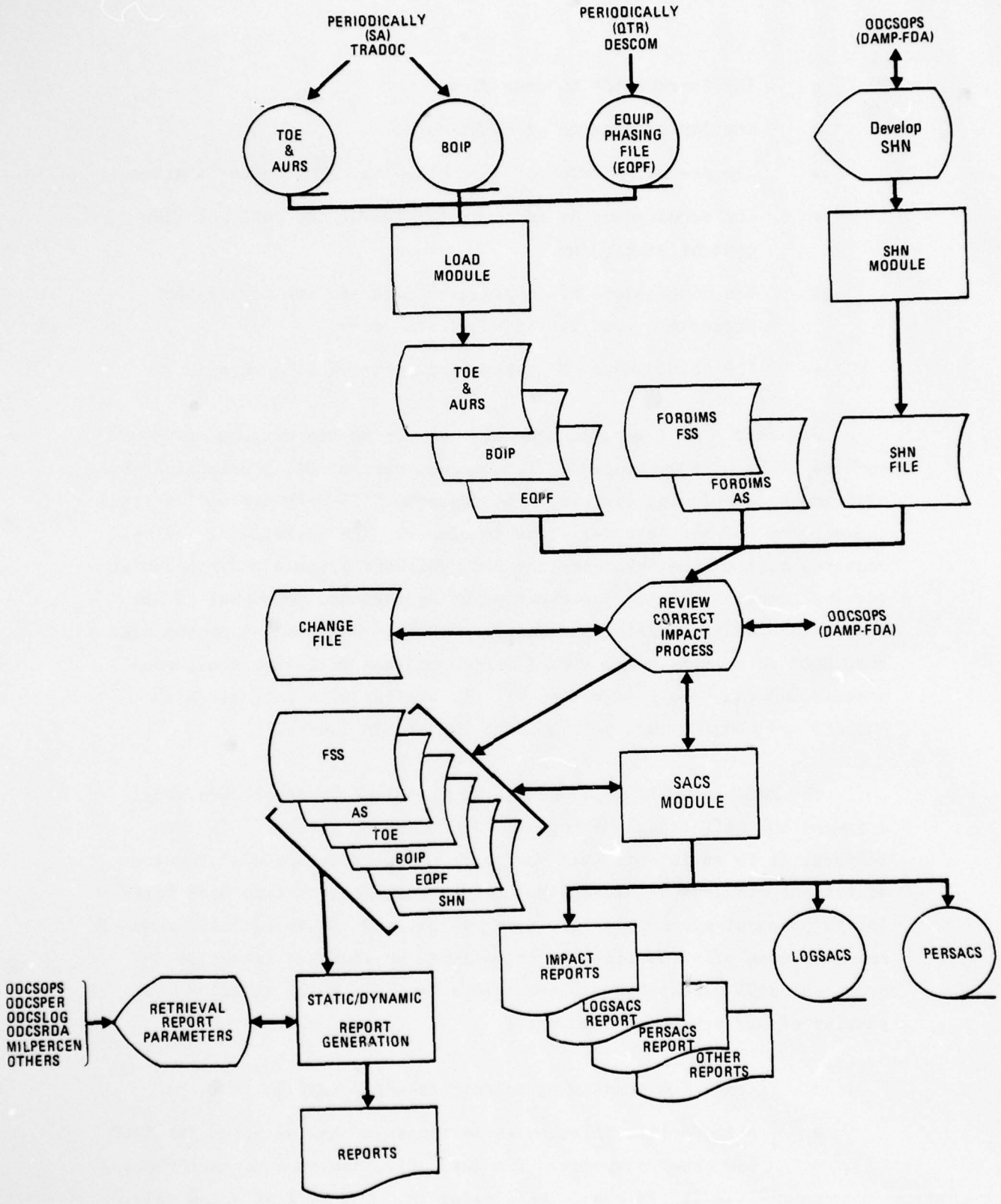

FIGURE 2.1. PROPOSED IMPROVED/ON-LINE SACS

that will reflect phasing of new equipment and function in conjunction with the BOIP and projected authorizations based on equipment availability. These data will be used in both LOGSACS and PERSACS.

- The SHN file be established and maintained via interactive software.
- The FORDIMS FSS and AS files be accessed as required.
- The TOTAL data base management system (DBMS) or other available DBMS will be utilized for handling these files. They will be linked by the appropriate data elements of UIC, SRC, EDATE, CCNUM, AMSCO, LIN, and other applicable data elements.
- A change file will be established for maintaining records of corrections or other actions which should process into a principal file.

b. Processing: The overall concept of processing for the improved/on-line SACS is that a requirement exists for reviews and continuous modification actions. It is envisioned that requirements for last-minute change will reside with the SHN, since all other SACS input files will be utilized in an unaltered form as provided by their respective systems. In the event the SHN cannot accommodate the required fix to data, the change file (or suspense) will be utilized to keep track of the change requirements to ensure that they are provided to the other systems and to the SYCMACG.

The SHN module will establish and maintain the information required to add or modify unit header or detail data for both the LOGSACS and PERSACS. The SHN file will be established with recurring use and one-time use records. The recurring use records will be controlled by dates to indicate beginning and termination of use. The one-time use records will indicate the fiscal year quarter designation for their use. The SHN records will reside in the DBMS and be linked to appropriate BOIP, TOE, FSS, or AS records.

The load module will be used as common software for establishing the TOE, BOIP, and EQPF on the DBMS and for establishing DBMS links between them and the FSS, AS, and SHN files. The load modules will not establish links between FSS and AS files since this will be FORDIMS processing responsibility. The specific data elements on which DBMS links will be established are not defined in this document. The load module will also establish record counts for each type of record within each file. The specific criteria for record counting are not defined in this document.

The main SACS module will accommodate multi-functions which range from force selection to all other SACS processes including generating the LOGSACS and PERSACS tapes and reports. The principal functions of the main module are:

- Force Selection. This function may be performed at any time. Force selection is controlled by EDATE, UIC, SRC, COMPO, or other specific criteria to be established. It will be sufficiently flexible to select a separate UIC or SRC or the entire master (M) force. Provisions must be made to accommodate the force identification code (FICOD) "F" and "P." The specific force variable selection criteria is not established in this document. The selection criteria will always apply to the FSS files which establish the control and DBMS linkage for further selection from the AS as well as the TOE, BOIP, EQPF, and SHN. In those instances where parent units are plus or minus an organizational entity, the required additional SRC records will be selected from the TOE file. Record counts will be accumulated in the selection process for subsequent use in the output process.

- Review/Correction. This function may be performed at any time. The review routines of this module will provide a complete look at a unit as it resides in FSS and AS. If the TOE file is required to provide detail or for use in plus or minus actions or BOIP application, the appropriate SRC records will be included in the complete "look." If

corrections are required, correction routines will be utilized to change or modify the appropriate data elements. The change file will maintain records of all changes and they will be provided as suspense transactions to the appropriate file manager and the SYCMACG to ensure that they are properly recorded during recurring file maintenance. The correction routines will not replace SHN.

- Impact. This function may be performed at any time. The impact function will be to process the BOIP and SHN data in that order, and review the results. In the event the results are not acceptable, the SHN will be appropriately modified and the "IMPACT" module run again. The impact module routines utilized in DAMO-FDA and DAMO-RQR must be identical; however, the DAMO-RQR impact runs will exclude SHN processing.

- Process. This function may be performed at any time. The process module will perform subfunctions as follows: create work files for retrieval, generate recurring reports, and prepare the LOGSACS and PERSACS. The work files will be the basis for retrievals, reports, and both LOGSACS and PERSACS.

- History and Back-up. The need for SACS history files will be considered when preparing the detailed functional system description at a subsequent date. The back-up to the system will be subsequently defined taking into consideration the general capabilities for recurring back-up at the DPI and unique SACS requirements.

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SECTION 3
DATA REQUIREMENTS

3.1 GENERAL

These data requirements are to support an improved/on-line SACS. The data element baseline is the current data that are provided to functional users of the LOGSACS and PERSACS. This baseline has been modified by input and comments from the various users of the LOGSACS and PERSACS and by FORDIMS.[1] Each data element is described separately on the data element description sheets (Appendix B). Data elements may be added or deleted or information pertaining to each data element may change as the improved/on-line SACS development continues. Appendix C reflects the data element source systems and the principal automated products that will disseminate them.

3.2 DATA DESCRIPTION

3.2.1 Static Data

Static data are defined as those data elements which are used mainly for reference during system operation and are usually updated in widely separated time frames independent of normal system runs. Static data elements are specified in Figure 3.1.

3.2.2 Dynamic Input Data

Dynamic input data are defined as those data elements which are input and updated during a normal run. The dynamic input data elements are specified in Figure 3.1.

3.2.3 Dynamic Output Data

Dynamic output data are defined as those data which are changed or established by the system during normal output processes. The dynamic output data elements are specified in Figure 3.1.

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[1] Some data element description sheets may not reflect the FORDIMS mnemonic. However, they will be changed to FORDIMS mnemonics as the SACS development proceeds.

Data Elements		Data Description				USER SUPPORT FOR DATA COLLECTION									
						Data Collection Requirements							Source of Input Data			
		S	DI	DO	IG	IS	IM	Recipients				CV	OF	Input Respon	Direct Respon	Coord	Review
								DESCOM	LEA	RDAISA	MILPER		TAPE				
ACTCD	Action Code		X			FAS(FSS)	DISK	X	X	X	X		X	FDS	MBA/OMP		MBA/FDP&F
AIDCON	Army Deployment Control Code		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	ARSTAF	MBA/FDP&F
AMSCO	Army Management Structure Code		X			FAS(FSS)	DISK				X	X	X	FDA	MBA/OMP	ARSTAF	
ARLOC	Army Location Code	X				FSS	DISK	X	X	X	X	X	X	FDA	FDP&F	ARSTAF	
ASICO	Additional Skill Indicators		X			TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	MILPERCEN
AUBFA	Authorized Before Factoring				X						X		X				
AUSTR	Authorized Strength		X			TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	MILPERCEN
AUTHR	Authority		X			FAS(FSS)	DISK	X	X	X	X		X	FDP&F			
AUTEQ	Authorized Equipment Quantity		X			TAADS(AS)	DISK	X	X	X			X	FDU	MACOM	SMD	EARA
BASIS	Basis Code		X			FSS	DISK	X	X	X	X		X	FDA	FDP/FDF/MBA	ARSTAF	
BPTRI	BOIP Personnel Tradeoff Requirement Indicator	X				BOIP	TAPE				X		X	FDA	TRADOC	RQR	MBA
BRNCH	Branch of Service Code, Unit	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	ARSTAF	
BRNCP	Branch of Service Code, Personnel		X			TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	MILPERCEN
CARSS	Combat Arms Regimental System	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	TAG	ARSTAF	
CATCD	Category Code	X				TAADS(AS)	DISK	X	X	X	X		X	FDU	TRADOC	RQR	
CCNUM	Command Control Number		X			TAADS(AS)	DISK	X	X	X	X	X	X	FDU	MACOM		
CHGNR	SRC Change Number	X				TAADS(AS)	DISK	X	X	X	X	X	X	FDU	MACOM		
COMPO	Component Code	X				FSS(FSS)	DISK	X	X	X	X	X	X	FDA	FDP&F	ARSTAF	
DAMPL	Department of the Army Master Priority List	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	ODR	ARSTAF	
DAPPL	Department of the Army Programming Priority List	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	ODR	ARSTAF	
DEPLO	Deployment Location Code	X				FAS	DISK	X	X	X	X		X	FDA	ODR	FDP&F	ARSTAF
DOCNO	Document Number	X				FAS(FSS)	DISK	X	X	X	X		X	FDU	MACOM	ARSTAF	

Figure 3.1. Data Description and User Support for Data Collection

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Data Elements		Data Description				USER SUPPORT FOR DATA COLLECTION										
						Data Collection Requirements								Source of Input Data			
								Recipients						Input Respon	Direct Respon	Coord	Review
		S	DI	DO	IG	IS	IM	DESCOM	LEA	RDAISA	MILPER	CV	OF				
DPMNT	Deployment Area and Month		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	OIO		
DSCMP	Display/Compute Indicator	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	ARSTAF	
EDATE	Effective Date		X			FAS(FSS)	DISK	X	X	X	X	X	X	FDA	FDP&F/MBA	ARSTAF	Users
ELSEQ	Element Sequence Number	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	ARSTAF	
ERCOD	Equipment Readiness Code	X				TAADS(AS)	DISK	X	X	X			X	FDU	MACOM	ARSTAF	
FICOD	Force Identification Code	X				FAS(FSS)	DISK	X	X	X	X	X	X	FDA	FDP&F	ARSTAF	
FNCAT	Functional Category Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F/MBA	ARSTAF	
FORCD	Force Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F/MBA	ARSTAF	
GRADE	Grade or Position		X			TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	MILPERCEN
IDENT	Identity Code	X				TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	MILPERCEN
JCSTY	JCS Unit Type Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	ARSTAF	
LAOTH	Logistics Authorized, Other				X			X	X	X			X				FDA
LAUBO	Logistics Authorized from BOIP		X			BOIP	DISK	X	X	X			X	FDA	RQR		
LAUSH	Logistics Authorized from Shorthand Notes		X			SHN	DISK	X	X	X			X	FDA	FDA/RQR		
LAUTA	Logistics Authorized TAADS Quantity		X			TAADS(AS)	DISK	X	X	X			X	FDU	MACOM	ARSTAF	
LAUTO	Logistics Authorized TOE Quantity		X			TOE	DISK	X	X	X			X	FDA	TRADOC	RQR	
LICCD	Language Identification Code		X			TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	MILPERCEN
LINUM	Line Item Number	X				TAADS(AS)	DISK	X	X	X			X	FDU	MACOM		
LOCCD	Location Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F		
LRBOI	Logistics Requirement from BOIP		X			BOIP	DISK	X	X	X			X	FDA	RQR		
LROTH	Logistics Required, Other				X			X	X	X			X				FDA
LRSHN	Logistics Required from Shorthand Notes		X			SHN	DISK	X	X	X			X	FDA	RQR		

Figure 3.1. Data Description and User Support for Data Collection (cont'd)

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Data Elements		Data Description				USER SUPPORT FOR DATA COLLECTION									
						Data Collection Requirements							Source of Input Data			
		S	DI	DO	IG	IS	IM	Recipients				CV	OF	Input Respon	Direct Respon	Coord	Review
								DESCOM	LEA	RDAISA	MILPER		TAPE				
LRTAD	Logistics Required TAADS Quantity		X			TAADS(AS)	DISK	X	X	X			X	FDU	MACOM	ARSTAF	
LRTOE	Logistics Required TOE Quantity		X			TOE	DISK	X	X	X			X	FDA	RQR	ARSTAF	
MACOM	Major Command (Previously was ASCMT)	X				FAS(FSS)	DISK	X	X	X	X	X	X	FDA	FDP&F	ARSTAF	
MBCMD	Mobilization Command Assignment	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	ODO	ARSTAF	
MBLOC	Mobilization Location Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	ODM	OCE/FORSCOM	
MBPRD	Mobilization Period	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	ODO	ODM	ARSTAF
MBSTA	Mobilization Station	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDA	OCE/FORSCOM	
MOSCO	Personnel Occupational Specialty Code		X			TAADS(AS)	DISK				X	X	X	FDU	MACOM	MBA	MILPERCEN
NTREF	Note Reference Number		X			FAS	DISK							FDA/FDP/FDF			
OPAGY	Operating Agency	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	COA	ARSTAF	
OPDAT	Operational Data	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDF	SSW	
PACIV	Unit Authorized Civilian Aggregate Strength				X			X	X	X	X		X				
PAENL	Unit Authorized Enlisted Strength		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	MBA	ARSTAF	
PAMIL	Unit Authorized Military Aggregate Strength				X			X	X	X	X		X				
PAOFF	Unit Authorized Officer Strength		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	MBA	ARSTAF	
PAUBO	Personnel Authorized from BOIP		X			BOIP	DISK				X		X	FDA	RQR	ARSTAF	
PAUSH	Personnel Authorized from Shorthand Notes		X			SHN	DISK				X		X	FDA	FDA	RQR	
PAUTA	Personnel Authorized TAADS Strength		X			TAADS(AS)	DISK				X		X	FDU	MACOM		
PAUTO	Personnel Authorized TOE Strength		X			TOE	DISK				X		X	FDF/FDP	RQR		
PAWOF	Unit Authorized Warrant Officer Strength		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	MBA	ARSTAF	
PECOD	Program Element Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	MBA/COA	ARSTAF	
PHASE	Phase Code	X				TAADS(AS)	DISK	X	X	X	X		X	FDU	MACOM	ARSTAF	

Figure 3.1. Data Description and User Support for Data Collection (cont'd)

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Data Elements		Data Description				USER SUPPORT FOR DATA COLLECTION										
						Data Collection Requirements								Source of Input Data			
		S	DI	DO	IG	IS	IM	Recipients				CV	OF	Input Respon	Direct Respon	Coord	Review
								DESCOM	LEA	RDAISA	MILPER		TAPE				
PORCL	PORCUS ID for LIN		X			TAADS(AS)	DISK	X	X	X	X		X	FDA	FDA	ARSTAF	
PORCU	PORCUS ID for Units		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	ARSTAF	
PROI	Personnel Requirement from BOIP		X			BOIP	DISK				X		X	FDA	RQR	ARSTAF	
PRCIV	Required Civilian Aggregate Strength				X			X	X	X	X		X				FDA
PRENL	Required Enlisted Strength		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F/MBA	ARSTAF	
PRMIL	Require Military Aggregate Strength				X			X	X	X	X		X				FDA
PRMK1	Personnel Remarks 1		X			TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	MILPERCEN
PRMK2	Personnel Remarks 2		X														
PROFF	Required Officer Strength		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F/MBA	ARSTAF	
PRQSH	Personnel Required Shorthand Notes		X			SHN	DISK				X		X	FDA	FDA	MBA	
PRQTA	Personnel Required TAADS Strength		X			TAADS(AS)	DISK				X		X	FDU	MACOM	MBA	
PRQTO	Personnel Required TOE Strength		X			TOE	DISK				X			FDA	TRADOC	ARSTAF	RQR
PRWOF	Required Warrant Officer Strength		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&P/MBA	ARSTAF	
RCNUM	Record Control Number																
REPCD	Report Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	ODO/ODM		
REQEQ	Required Equipment Quantity		X			TAADS(AS)	DISK	X	X	X			X	FDU	MACOM		
ROBCD	Readiness Objective Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	OD	ARSTAF	
RQSTR	Required Strength Personnel		X			TAADS(AS)	DISK				X		X	FDU	MACOM		
SORCE	Source of Input Data				X			X	X	X	X		X				FDA
SPLIT	Split Unit Indicator	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F		

Figure 3.1. Data Description and User Support for Data Collection (cont'd)

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Data Elements		Data Description				USER SUPPORT FOR DATA COLLECTION										
						Data Collection Requirements								Source of Input Data			
		S	DI	DO	IG	IS	IM	Recipients				CV	OF	Input Respon	Direct Respon	Coord	Review
								DESCOM	LEA	RDAISA	MILPER		TAPE				
SRCTO	Standard Requirements Code		X			FAS(FSS)	DISK	X	X	X	X	X	X	FDA	FDP&F		
STAFA	Staff Analyst		X			FAS(FSS)	DISK	X	X	X	X		X	FDA	FDA		
STATS	Unit Status Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F		
STANM	Station Name	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F		
TDATE	Termination Date				X			X	X	X	X	X	X				FDA
TPSNA	Troop Program Sequence Number	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F		
TYPCD	Type Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	FDU	
UICOD	Unit Identification Code	X				FAS(FSS)	DISK	X	X	X	X	X	X	FDA	FDA	OD	
UNCLC	Unit Classification Code	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F		
UNMBR	Unit Number	X				FAS(FSS)	DISK	X	X	X	X	X	X	FDA	FDP&F	DAAG-ZA	
UNPID	Unit Package Identification Designator	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F		
UNTDS	Unit Description	X				FAS(FSS)	DISK	X	X	X	X		X	FDA	FDP&F	ARSTAF	FDA

Legend:

S - Static
DI - Dynamic Input
DO - Dynamic Output
IG - Internally Generated
IS - Input Source
IM - Input Medium
CV - Critical Value
OF - Output Form

Figure 3.1. Data Description and User Support for Data Collection (cont'd)

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3.2.4 Internally Generated Data

Internally generated data are those data which are generated by the system from a dedicated library for edit and report purposes only or from input data for system use. The internally generated data elements are specified in Figure 3.1.

3.2.5 System Data Constraints

The improved/on-line SACS processes and the associated data will be constrained by data availability from the various files of supporting systems. Appendix C lists each data element and its primary and secondary sources as well as the source of data that modifies either primary or secondary data.

No attempt has been made to define the data element file configurations since the concept assumes that current file formats are acceptable and usable in the improved/on-line SACS. The DBMS links will be defined as specified processing logic is defined.

3.3 USERS SUPPORT FOR DATA COLLECTION

3.3.1 Data Collection Requirements

The data collection requirement for each data element in Appendix B does not significantly vary from the current practice. It is proposed, however, that US Army Training and Doctrine Command (TRADOC) provided files (TOE and BOIP) be used in the SACS processes in an unaltered form. Also, it is proposed that a new file be established as a by-product of the Total Army Equipment Distribution Program (TAEDP) and the Phased Equipment Modernization (PEM) which will provide the data for scheduling new equipment into units and the basis for revising personnel authorizations. It is anticipated that the US Army Depot Systems Command (DESCOM) will provide this file. The specific data elements and magnetic tape format have not been developed yet. Minimal new source data are required by this data requirements document. The definitions of pertinent requirements are provided below.

a. Input Source of Data Element. This identifies the system which will provide the data element to the improved/on-line SACS.

b. Input Medium. This identifies the computer hardware device for inputting data elements to the improved/on-line SACS.

c. Recipients. The principal SACS products are identified as the LOGSACS and/or PERSACS. Even though they are widely distributed, no attempt has been made to identify all recipients in the Defense establishment.

d. Critical Values. The data elements that provide principal sequencing and control capabilities are identified.

e. Output Form/Device. The principal output medium is identified only, since both the LOGSACS and PERSACS will be provided to users via magnetic tape. It is anticipated that a SACS on-line inquiry capability will be provided as a result of the development of the improved/on-line SACS.

f. Frequency of Update. No change in frequency of update is anticipated. In the event that TAADS data stored in the FORDIMS AS is changed to flow to HQDA four times each year rather than the current practice of two times each year, the update frequency will change accordingly.

3.3.2 Responsibility for Input Data

The responsibility for input data will not change at this time. However, in maintaining the FORDIMS FSS data, all years' records should be maintained by the same element. The responsibility for the current, budget, and program years should not be separated between two managers. The specific responsibilities for: (1) input, (2) formulation, (3) coordination, and (4) review are specified in Figure 3.1.

3.3.3 Data Transfer Procedures

The specific procedures will be specified as an aspect of further development to achieve the improved/on-line SACS.

APPENDIX A

TIMELINESS REQUIREMENTS AND DEFINITIONS

TIMELINESS REQUIREMENTS AND DEFINITIONS

The use of data elements and their timeliness requirement are related since resource distribution associated with data elements requires functional user response time. Therefore, as data elements are initially established and subsequently changes, the personnel involved must be cognizant of the requirement to project actions sufficiently into the future so as to provide the functional users the required response time. Coupled to response time requirements are system time requirements. System time is defined as the time from input to the time the data are initially available to the functional users, considering input, processing, data flow (MOC window), and output. Consequently, timeliness requirements must include these two time elements when initially establishing or changing data elements, regardless of origin or changed data input (HQDA or field).

To implement the foregoing, data element end use must be known. Regardless of why data are initially established or changed, the personnel responsible for formulating the initial or change data must be cognizant of the resultant functional actions that are triggered because of such data. In order to provide initial guidance for this purpose, SACS data elements have been grouped in three categories. Each category and its initial data element assignments are:

Category I: This category contains data elements which are used in force structuring, control, internal processing, accounting, unit identification, and general functional support information. These data elements are included in the SACS computation and are provided to functional users via the LOGSACS and PERSACS. The timeliness requirement is that Category I data elements be available in each quarterly SACS product. Category I data elements may be established or changed at any time. Catetory I data elements are:

ACTCO	ELSEQ	MBLOC	PRQSH
ADCON	ERCOD	MBPRD	PRQTA
AMSCO	FICOD	MBSTA	PRQTO
ARLOC	FNCAT	NTREF	RCNUM
AUTHR	FORCO	OPAGY	REPCO
BASIS	JCSTY	OPDAT	ROBCO
BRNCH	LAOTH	PAUBO	SORCE
CARSS	LAUBO	PAUSH	SRCTO
CATCO	LAUSH	PAUTA	STAFA
CCNUM	LAUTA	PAUTO	STATS
CHGNR	LAUTO	PECOD	TPSNA
CCMPO	LRBOI	PHASE	TYPCO
DAMPL	LROTH	POMCL	UICOD
DAPPL	LRSHN	POMCU	UNCLC
DOCNO	LRTAD	PRBOI	UNMBR
DPMNT	LRTOE	PRMK1	UNTDS
DSCMP	MBCMO	PRMK2	

Category II: This category identifies data elements which impact resources. Projections must be made based on system and functional response times. These data elements are used to validate authorizations and to distribute equipment and personnel. When a force or command manager of DA or MACOM establishes or makes a change to a data element in this category, the EDATE must be projected far enough in advance to allow for the system and functional response time for logistics and personnel actions to be completed within the project time frames. The projected time (in months) for Category II is given in Table A.1. The associated data elements are:

ASICO	IDENT	PAMIL	REQEQ
AUBFA	LICCO	PAOFF	RQSTR
AUSTR	LINUM	PAWOF	SPLIT
AUTEQ	LOCCO	PRCIV	STNNM
BPTRI	MACOM	PRENL	TDATE
BRNCP	MOSCO	PRMIL	UNPID
EDATE	PACIV	PROFF	
GRADE	PAENL	PRWOF	

Table A.1

CATEGORY II PROJECTED TIME (MONTHS)

	System Time[a]	Functional Time	Projected Time
LOG CONUS	7.5	b	7.5
LOG Overseas	7.5	b	7.5
PER CONUS	7.0	6.0	13.0
PER Overseas	7.0	9.0	16.0

[a]This is a maximum time requirement based on making changes the day after the MOC window closes. This time requirement can be reduced as data are established or changed within the 6 month interval between closing of the semiannual MOC window.

[b]The order-ship time requirements may be specified, if applicable in the use of SACS data. These must be defined by ODCSLOG.

Category III: This category contains data elements which impact resources. Projections must be made based on system and functional response time. These data elements are used primarily for modernization, phasing, recruiting, training, and mid- and long-range planning. When force and command managers and other DA staff planners incorporate changes in the force in the out years, the EDATE established for these data elements must be projected far enough in advance to allow for system and functional response time plus the additional lead-time requirements[1] associated with logistic actions and the recruitment, training, distribution time for personnel. The projected time requirements (in months) for Category III are given in Table A.2. The associated data elements are:

ASICO	EDATE	PACIV	PRENL
AUBFA	GRADE	PAENL	PRMIL
AUSTR	IDENT	PAMIL	PROFF
AUTEQ	LICCO	PAOFF	PRWOF
BPTRI	LINUM	PAWOF	REQEQ
BRNCP	MOSCO	PRCIV	RQSTR

[1]The specific lead time requirements must be published by ODCSLOG and ODCSPER to command and force managers and to MACOM to be used as a tool in establishing and changing data.

Table A.2

CATEGORY III PROJECTED TIME (MONTHS)

	System Time[a]	Functional Time	Projected Time
LOG CONUS	7.5	b	7.5
LOG Overseas	7.5	b	7.5
PER CONUS	7.0	24.0	31.0
PER Overseas	7.0	27.0	34.0

[a]See note a, Table A.1.

[b]See note b, Table A.1.

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APPENDIX B

DATA ELEMENT DESCRIPTIONS

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Action Code	ACTCO

(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	1

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha	DAMO-FDP, FDF	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDA	FSS User's Guide

(10) Definition:

This data element describes the type of change (add, delete, change, etc.) being made to a particular unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
A	Activation.
C	Conversion as defined by change of SRC branch, subnumber, and/or variation.
G	Change of command assignment.
J	Inactivation.
L	Relocation without a change of command assignment.
S	Change in ALO.
U	TOE update (as defined by incorporation of change or series in existing SRC).
X	Change in data element not covered.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Army Deployment Control Code		ADCON
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		2
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
6 Alpha/Num	DAMO-FDF or FDP	Secret
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDF or FDP - DAMO-FDA	Secret DF, DAMO-FDF 23 Sep '77, Subj: Change in ADCON match logic	

(10) Definition:

Provides war planning data for a unit in accordance with Total Army Analysis (TAA).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

DAMPL/DAPPL, DPMNT, ASGMT, LOCCO, ARLOC, TYPCO

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Position 1 Case Requirements

Position 2 Coded time period in which the unit is required

Position 3 The logical region for deployment within the theather of operation

Position 4-6 The units required arrival date in theater, i.e., number of days after M-days

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Army Management Structure Code	AMSCO

(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS), AFP(PB/S), CBS(PB/S), CSGPA78	3

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
11 Alpha/Num	DACA-FAA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP(FAS/FSS)MACOMS (TAADS/AS)	AR 37-100-XX, AR 570-3

(10) Definition:

A standard classification of Army activities and functions used for programming, budgeting, accounting, and manpower control.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

AR 37-100-XX	Contains the current listing of all applicable AMSCOs by appropriation.
AR 570-3	Contains additional AMSCOs for Industrial Fund Accounts.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Army Location Code		ARLOC
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		4
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Alpha/Num	DAMO-FDA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDP & FDF	DA PAM 525-12 or 13 AR 525-10	

(10) Definition:

Identifies the post, camp, or station at which a unit is located or is planned to be located.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Complete list of Codes is contained in DA PAM 525-12 or 13.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Additional Skill Identifier Code	ASICO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS (AS)	5

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	DAPE-MBA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MACOM-MTOE/TDA Proponent	AR 611 Series

(10) Definition:

A standard code that identifies additional special skills that the incumbent of a given position should possess in addition to the specified MOSCO.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

MOSCO

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

A complete listing of all applicable codes are found in AR 611 series.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Authorized Before Factoring	AUBFA
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only	6

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num		

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	

(10) Definition:

Used to record authorized strength in the SACS detail file when factoring is required to balance to the FAS. This field holds the TAADS quantity (PAUTA) because after the factoring processing the factored quantity replaces the original TAADS quantity (PAUTA).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	N/A

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Authorized Strength		AUSTR
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		7
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Num	FDU	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponent	TAADS (AS)

(10) Definition:

Used to indicate total authorized spaces for specific types of personnel by grade, IDENT, branch, or MOS. Includes Civilian Category Code.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Authority	AUTHR
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	8

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
15 Alpha/Num	DAMO-FDF or FDP	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP or Command Plan	FAS(FSS) User's Guide

(10) Definition:

This is a free format data element available with all FAS(FSS), CBS(P/BS), and SACS actions which can be used to note the directive or concept that authorizes the action.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Authorized Equipment Quantity		AUTEQ
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		9
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Num	DAMO-FDU	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MTOE/TDA Proponent	TAADS (AS)	

(10) Definition:

Indicates the total equipment by LIN to reflect the units allowance based on the authorized level of organization and is developed using the AUTOE/AUTAD quantities, plus or minus the BOIP and Shorthand Notes.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Basic Code	BASIS
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FSS	10

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha	DAMO-FD	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO FDF/FDP	FSS User's Guide

(10) Definition:

Identifies the authority or basis for each record change or entry.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
C	Command originated change (Command Plan) or NGB/OCAR directed change (COMPOs 2,3).
D	Documented in approved MTOE or TDA.
F	DAMO-FDF programed assumption.
G	HQDA, CAR, NGB, or Command General Order, or DA letter for OSD/ Joint Army Field activities.
M	HQDA message or letter directive.
P	DAMO-FDP programed assumption.
S	Other DA staff actions.
T	Total Army Analysis (TAA).

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
BOIP Personnel Tradeoff Requirement Indicator	BPTRI
(3) Other Systems Using This Data Element:	(4) Data Element Number:
BOIP	11

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
	New Required Data Element

(10) Definition:

This code indicates the change in personnel requirements resulting from modernization of equipment. The effects of the change will be identified as: no change, increase, or decrease.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II	Tape

(14) Components and Values:

Code	Definition
1.	No additional spaces required, no change in MOS and grade.
2.	No additional spaces required, changes in MOS or grade required within SRC.
3.	Decrease in spaces required, spaces identified.
4.	Increases in spaces required, spaces not identified within or without SRC.
5.	Increases in spaces required, spaces identified within SRC.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Branch of Service Codes Unit	BRNCH
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS)	12

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha	DAMO-FD	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP--Can be System Gen	AR 18-19/FAS(FSS)

(10) Definition:

This code identifies the military branch of service (FA, AG, MP, etc.) of a TOE or MTOE unit or of applicable TDA units (e.g., MD or EN).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Branch or Type	Brnch
Air Defense	AD
Airborne	AB
Adjutant General	AG
Aviation	AV
Armor	AR
Army Security	AS
Civil Affairs	CA
Chemical	CM
Composite Service	CS
Engineers	EN
Field Artillery	FA
Finance	FI
Headquarters	HQ
Infantry	IN
Judge Advocate General	JA
Logistical Command	LG
Labor Supervision Organization	LS
Medical	MD
Military History	MH
Military Intelligence	MI

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Branch of Service Codes Unit	BRNCH

(14) Components and Values: (Cont.)

Branch or Type	Brnch
Military Police	MP
Ordanance	OD
Public Affairs	PA
Psychological Operations	PO
Quartermaster	QM
Replacement Command	RP
Signal	SC
Special Forces	SF
Transportation	TC
Aviation Construction Engineers (Air Force Support)	EN

SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Branch of Service Codes Personnel	BRNCP
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS (AS)	13
(5) Field Length and Type: / (6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha / DAPE-MB and MACOM	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponent	AR 310-49, AS User's Guide

(10) Definition:

This code identifies the military branch or duty detail branch for NCOs, WOs, and officers (optional for commissioned officers). For TDA units it also identifies civilian employment (grade) categories.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

Branch or Duty Detail	Branch Code: Branch	Branch Code: Duty Detail
Air Defense Artillery	AD	
Adjutant General's Corps	AG	
Combat Arms Material (IN, AD, AR, FA only)		AM*
Army Nurse Corps	AN	
Armor	AR	
Civil Affairs/Military Government	CA**	
Chaplains	CH	
Chemical Corps	CM	
Dental Corps	DE	
Corps of Engineers	EN	
Field Artillery	FA	
Finance Corps	FI	
General Officers		GO
Inspector General		IG
Infantry	IN	
Judge Advocate General's Corps	JA	
Medical Corps	MC	
Military Intelligence	MI	
Military Police Corps	MP	
Medical Service Corps	MS	

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Branch of Service Codes Personnel	BRNCP

(14) Components and Values: (Cont.)

Branch or Duty Detail	Branch Code: Branch	Branch Code: Duty Detail
National Guard Bureau		NG
No Branch requirement		NO*
Ordance Corps	OD	
Professors, US Military Academy	PR	
Quartermaster Corps	QM	
Signal Corps	SC	
Technical Service Material (CM, EN, OD, QM, SC, and TC only)		SM*
Army Medical Specialist Corps	SP	
Staff Specialist	SS**	
Transportation Corps	TC	
Veterinary Corps	VC	

(2) Warrant Officers

Control Branch	Branch Code: Control Branch
Air Defense Artillery	AD
Adjutant General's Corps	AG
Army Nurse Corps	AN#
Aviation	AV
Corps of Engineers	EN
Field Artillery	FA
Judge Advocate General's Corps	JA
Medical Corps	MC

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*Used in TOE and MTOE only.

**Basic branch only. Not used in active Army authorization documents.

#Not used in current Army authorization documents.

Civilian Category Code (Branch). A two-position alpha code, applicable to TDA only, which identifies civilian categories as follows:

Direct Hire	Branch Code
Graded, general schedule	GS
10 USC 1581 positions	ST
Miscellaneous white collar, not coded elsewhere	GO
Wage system, supervisory----Regular	WS
Wage system, leader---------Regular	WL
Wage system, nonsupervisory-Regular	WG
Special schedule (supervisory planner estimates)	WN

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Branch of Service Codes Personnel	BRNCP

(14) Components and Values: (Cont.)

	Branch Code
Direct Hire	
Special schedule (planner estimates, maintenance scheduler	WD
Special schedule (includes all other "W" categories)	WO
Contract surgeons	MC
Foreign National	ID
Labor Service	LP
Consultant	EC
Indirect Hire	
Foreign National	IC
Labor Service	LS

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Combat Arms Regimental System		CARSS
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		14
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAAG-ZA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDF or FDP	AR 220-5	

(10) Definition:

A code assigned to combat and combat support units (INF, ARM, FA, and ADA MTOE units) to provide an audit trail link with a historical regiment (not applicable to TDA units).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Category Code	CATCO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS) TAADS(AS)	15

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Num	TRADOC	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	AR 310-25

(10) Definition:

Identifies TOE/MTOE units as belonging to one of three categories according to their mission and normal locations.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

CATCO A 1-position numeric code. This code is used to classify TOE/MTOE units in three categories, as follows:

Coding Information

- Category I - Unit organized under table of organization and equipment whose mission includes the seizing and holding of ground, in addition to that of destroying the enemy, and its corresponding headquarters and service companies, together with a unit whose mission includes destruction of the enemy in support of, or assistance to, the ground gaining troops by fire or other tactical support. Unit operates habitually in the forward portion of the active combat area.
- Category II - Unit organized under table of organization and equipment whose mission includes support and assistance of a nontactical nature to category I units in the forward active portion of the combat area. It is found habitually forward of the Army rear boundary and is normally assigned to division, corps, or Army.
- Category III - Unit organized under table of organization and equipment whose mission includes service and operations in support of a combat area and the operating agencies of a communications zone. The unit is found normally in the communication zone or along the lines of communications leading thereto, to include the continental United States.

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Unit Category Code	CATCO

(14) Components and Values: (Cont.)

Category	CATCO
I	1
II	2
III	3

SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Command Control Number	CCNUM

(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS)	16

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
6 Alpha/Num	DAMO-FDU	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponents	AR 340-49

(10) Definition:

Identifies the major command and the number of changes applied to a MTOE or TDA unit during a fiscal year.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Positions 1 and 2	Major Command
Positions 3 and 4	Control Number
Positions 5 and 6	Fiscal Year

A list of the command codes is contained in AR 680-29.

Notes: The field length of this data element is shown in FSS and AS User's Guide as 4 A/N position, however when the MACOM codes are added it becomes 6 A/N as indicated.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
SRC Change Number	CHGNR
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS)	17

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FDU	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated from TAADS(AS)	TRADOC Pam 310-4

(10) Definition:

Indicates the latest change in an MTOE document. Constitutes positions 10 and 11 of the 14 position SRC. Not used in TDA units.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

Balance of 14 position SRC.

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Component Code	COMPO

(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	18

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha/Num	DAMO-FD	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	FAS(FSS) User's Guide

(10) Definition:

Identifies the DA component assignment and status of units. All units in the force are classified according to the values shown below.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
1.	Active Army
2.	National Guard
3.	Army Reserve
4.	Unmanned Units
B.	Active NG
C.	Active Army Reserve

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Department of Army Master Priority List		DAMPL
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		19
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Alpha/Num	DAMO-ODR	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-ODR	AR 11-12	

(10) Definition:

Priority assigned to a unit or activity for allocation of personnel and equipment. Applies to the Current and Budget Year (CY and BY) only.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

ADCON, COMPO, TPSNA, ARLOC, ASGMT, ROBCO, LOCCO

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Department of Army Programming Priority List		DAPPL
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		20
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Alpha/Num	DAMO-ODR	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-ODR	AR 11-12

(10) Definition:

Projection of the programming priority for the POM years for allocation of personnel and equipment. Replaces DAMPL in the outyears.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

COMPO, TPSNA, ARLOC, ASGMT, ROBCO

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Document Number	DOCNO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS) TAADS(AS)	21

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
10 Alpha/Num	DAMO-FDU	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE or TDA Proponent	AR 310-49

(10) Definition:

The MTOE number or the TDA number of a unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

MTOE Unit ID

Positions 1-6 Base TOE
Positions 7-8 MACOM
Positions 9-10 TOE Modification Numver

TDA Unit ID

Positions 1-6 UICOD
Positions 7-8 MACOM
Positions 9-10 MO (Mobilization Only)

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Deployment Area and Month	DPMNT
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	22

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Alpha/Num	DAMO-ODO	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-ODO	Operational Plans

(10) Definition:

Indicates the deployment area and month for scheduled unit movement in the event of mobilization.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Position 1	Location
Positions 2-4	Months of deployment (field users can provide day information).

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Display/Compute Indicator	DSCMP
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	23

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF-FDP	FAS(FSS) User's Guide

(10) Definition:

Used to indicate units displayed for information only and not computed (DO) and to indicate units displayed and computed, i.e., added into totals (DC).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
DC	Display and Compute
DO	Display only

REMARKS: Most units are coded DC. The exceptions are:

- Titular, reimbursable, and units without required or authorized personnel and equipment are coded DO.
- Parent units with documented subordinate elements have the parent unit coded DO and the elements coded DC. (Generally, this applies to AD, selected FA, MI, and SF units.)

Split units are coded DC for both the parent unit and the split element if both parts of the split are supported by TAADS document.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Effective Date	EDATE
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS), CBS(P/BS)	24

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
6 Num	DAMO-FD or OD	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF, FDP, OD or Command Plan	

(10) Definition:

The date on which an approved, planned, or programmed action is applicable to a unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II and III	DISK

(14) Components and Values:

Positions 1 and 2	Year
Positions 3 and 4	Month
Positions 5 and 6	Day

Specific EDATES are to be established on the 16th day of each month only and projected into the future based on the timeliness requirement and established rules.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Element Sequence Number		ELSEQ
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		25
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FDA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDF, DAMO-FDP	AR 18-19	

(10) Definition:

A standard numbering system for units assigned to a major unit (e.g., the battalions of a division). Used in conjunction with TPSNA for MTOE and special TDA units.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Equipment Readiness Code		ERCOD
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		26
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha	DAMO-FDU	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MACOMS and TRADOC		

(10) Definition:

Used to indicate the relative importance of each line item of equipment to the accomplishment of the assigned operational missions and tasks of a particular MTOE unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
A	Primary Weapons and Equipment (PWE)
B	Auxiliary Equipment (AE)
C	Administrative Support Equipment (ASE)

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Force Identification Code	FICOD
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	27

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha/Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDA	FAS User's Guide (FSS)

(10) Definition:

A code that uniquely identifies an existing, planned or programmed "force" in the data base. A force is defined by specifying the numbers and types of units (by UIC) in the force.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Force	FICOD
Master (for extract only)	M
Resourced	F
Planned	P

Other forces may be created and assigned a unique FICOD as the need arises; however, none of them is permanent.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Functional Category Code	FNCAT
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	28

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha/Num	DAMO-FDP	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	FAS(FSS) User's Guide

(10) Definition:

A code used to identify various unit aggregations.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Single Component

Code	Definition
A	OSA
B	Army Staff
C	Staff Support Agencies
D	MACOMS
E	MACOM and Sub-MACOM Staff Support Activities
F	Sub-MACOMs

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Force Code	FORCO

(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	29

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha/Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF, FDP, or Command Plan	FAS(FSS) User's Guide

(10) Definition:

A computational code used to identify special authorization or exception units (e.g., those authorized equipment but no personnel or personnel but no equipment).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Single Component

A 1-position alphanumeric code; however, all current codes are alpha codes. This code is designed to permit computation of a unit's authorizations according to prescribed criteria.

FORCO

A	TDA units with equipment only, not authorized personnel.
B	Units with authorized personnel, but for which equipment procurement is not authorized (e.g., the 1st Bn, 3d Inf "The Old Guard").
E	Units for which TAADS documents must be used in SACS for equipment computations only, regardless of SRC, in order to obtain more accurate equipment requirements.
K	Units for which TAADS documents must be used in SACS computations, regardless of SRC, in order to obtain more accurate equipment and personnel requirements.
M	MTOE units containing multiple AMS codes.
P	Units for which TAADS documents must be used in SACS for personnel computations only, regardless of SRC, in order to obtain more accurate personnel requirements.

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Force Code	FORCO

(14) Components and Values: (Cont.)

FORCO

S	Units for which the SRC position must be computed in SACS, regardless of TAADS documentation, in order to obtain more accurate equipment and personnel requirements.
X	Units organized without personnel or equipment for historical purposes in order to keep the flag alive (i.e., these are "flag units," many of whose flags are kept at West Point).

SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Grade Code		GRADE
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		30
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	DAPE-MBA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MTOE/TDA Proponent	AR 680-29	

(10) Definition:

Indicates military or civilian grade (military rank, civilian GS, or wage grade).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II and III	DISK

(14) Components and Values:

Single Component

Military. A two position alpha/alpha code for General Officers and warrant officers and alpha/numeric for all other officers and enlisted personnel.

Grade

GA	General of the Army
GN	General
LC	Lieutenant General
MG	Major General
BG	Brigadier General
06	Colonel
05	Lieutenance Colonel
04	Major
03	Captain
02	Lieutenant
WO	Warrant Officer
E9	Command Sergeant Major or Sergeant Major
E8	First Sergeant or Master Sergeant
E7	Platoon Sergeant or Sergeant First Class or Specialist
E6	Staff Sergeant or Specialist
E5	Sergeant or Specialist
E4	Corporal or Specialist
E3	Private First Class
E2	Private

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Grade Code	GRADE

(14) Components and Values: (Cont.)

(2) Civilian. A two position numeric/numeric code for all civilian grades.

Civilian, GS	01 through 18
Civilian wage system and others	01 through 34

SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Identity Code	IDENT
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS (AS)	31

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha	DCSPER	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponent	AR 680-29

(10) Definition:

Identifies the type of military or civilian personnel.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

Grade, MOS

(12) Lead Time Requirement:	(13) Input Mode:
CAT II and III	DISK

(14) Components and Values:

Single Component

Ident Code	Types of Personnel
O	Male commissioned officers
L	Female commissioned officers
K	Interchangeable male or female commissioned officers
W	Male warrant officers
V	Female warrant officers
P	Interchangeable male or female warrant officers
E	Male enlisted personnel
A	Female enlisted personnel
I	Interchangeable male or female enlisted personnel
C	Civilian personnel (male or female)

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
JCS Unit Type Code		JCSTY
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS (FSS)		32
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Alpha/Num	JCS	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
FORSTAT-Interfaced data	JCS Pub 6, Vol II, Part 2 Chap 2	
(10) Definition:		
Joint Chiefs of Staff organization code. Relates one-for-one to SRC.		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
(12) Lead Time Requirement:	(13) Input Mode:	
CAT I	DISK	
(14) Components and Values:		

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SACS DATA ELEMENT DESCRIPTION

New Mnemonic

(1) Name:	(2) Mnemonic:
Logistics Authorized, Other	LAOTH
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only (LOGSACS)	33

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num		

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	

(10) Definition:

Definition to be provided.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Note: This data element may or may not be used depending upon the requriement for other source data.

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SACS DATA ELEMENT DESCRIPTION

New Data Mnemonic

(1) Name:	(2) Mnemonic:
Logistics Authorizated from BOIP	LAUBO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only (LOGSACS)	34

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	TRADOC	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDA	AR 71-2

(10) Definition:

Used to record authorizations for new items of equipment in the detail records of the LOGSACS.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Notes: Formerly AUBOI

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Logistics Authorized from Shorthand Notes		LAUSH
(3) Other Systems Using This Data Element:		(4) Data Element Number:
SACS only		35
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FDA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDA	SACS User's Guide	

(10) Definition:

Used to identify additions, changes, or deletions to equipment authorizations during a SACS computation.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Logistics Authorized TAADS Quantity		LAUTA
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		36
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FDU	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MACOM	AR 310-49	

(10) Definition:

The quantity of equipment authorized as identified in the TAADS.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Notes: Formerly AUTAD

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Logistics Authorized TOE Quantity		LAUTO
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TOE		37
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	TRADOC	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
	AR 310-31	

(10) Definition:

The quantity of equipment authorized as identified in the TOE.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	Tape

(14) Components and Values:

Notes: Formerly AUTOE

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Language Identification Code		LICCO
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		38
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	DAPE-MBA	
(8) Source/Update (Office, System, Master List, etc.):		(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponent		AR 611 Series

(10) Definition:

Identifies special language capability requirement.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

AR 611 series lists of approved codes.

Notes: A maximum of 1 Additional Skill Indicator (ASI) and 1 LICCO can be listed on a document. If there are 2 ASI to be listed they take precedence over the LICCO and the LICCO will not be shown.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Line Item Number		LINUM
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		39
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
6 Alpha/Num	DCSLOG	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MTOE/TDA Proponent	SB 700-20/AR 708-1	

(10) Definition:

Identifies the generic nomenclature of authorized equipment items.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

Position 1 Is an alpha character identifying the Commodity Command Code
Position 2-6 Numeric code

LINUM are listed in SB 700-20.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Location Code		LOCCO
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		40
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
3 Alpha/Num	DAMO-OD	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDF or FDP	DA Pam 525-12 or 525-13	

(10) Definition:

Actual or planned station of a unit. Within the CONUS the code is a combination of Army area and state abbreviations. Overseas the code is an abbreviation of the country.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

DAMPL-DAPPL, ARLOC, ADCON, ASGMT, ROBCO

(12) Lead Time Requirement:	(13) Input Mode:
CAT II	DISK

(14) Components and Values:

All codes are contained in DA Pam 525-12 or 13

Notes: The LOCCO codes are the same as the MBLOC codes.

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SACS DATA ELEMENT DESCRIPTION

New Data Mnemonic

(1) Name:	(2) Mnemonic:
Logistics Requirement from BOIP	LRBOI
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only	41

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	TRADOC	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDA	

(10) Definition:

Indicates the requirements for new equipment items, plus its support equipment in the LOGSACS file as a result of applying the BOIP.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Notes: Formerly RQBOI

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Logistics Required, Other		LROTH
(3) Other Systems Using This Data Element:		(4) Data Element Number:
SACS only		42
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num		
(8) Source/Update (Office, System, Master List, etc.):		(9) Document(s) Authorizing Data Element/Values:
System Generated		
(10) Definition:		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
(12) Lead Time Requirement:		(13) Input Mode:
CAT I		N/A
(14) Components and Values:		
Notes: See data element 33.		

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SACS DATA ELEMENT DESCRIPTION

New Data Mnemonic

(1) Name:	(2) Mnemonic:
Logistics Required from Shorthand Notes	LRSHN
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only	43

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	

(10) Definition:

Indicates additions, deletions, or changes in required equipment quantities that are necessary to be made to the LOGSACS file. These are usually last minute changes that have not had a chance to get into TAADS, TOE, or BOIP.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Notes: Formerly RQSHN

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Logistics Required TAADS Quantity		LRTAD
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		44
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MTOE/TDA Proponent		
(10) Definition:		
Indicates the total required equipment quantities as indicated in the TAADS file.		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
(12) Lead Time Requirement:	(13) Input Mode:	
CAT I	DISK	
(14) Components and Values:		

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SACS DATA ELEMENT DESCRIPTION

New Data Mnemonic

(1) Name:		(2) Mnemonic:
Logistics Required TOE Quantity		LRTOE
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TOE		45
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	TRADOC	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
TRADOC	Quantitative numeric data associated with LIN in the TOE file.	
(10) Definition:		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
LIN		
(12) Lead Time Requirement:	(13) Input Mode:	
CAT I	Tape	
(14) Components and Values:		
Notes: Formerly RQTOE		

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Major Command Code	MACOM
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), AFP(PB/S), CBS(PB/S)	46

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num		

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	AR 680-29, AR 310-49

(10) Definition:

The designation of the organizational entity subordinate to HQDA which identifies the major command or DA staff agency to which a unit is assigned.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

MBCMD, ADCON, DAMPL-DAPPL, ARLOC, COMPO

(12) Lead Time Requirement:	(13) Input Mode:
CAT II	DISK

(14) Components and Values:

A complete listing of all applicable command codes are found in AR 310-49 and AR 680-29.

Notes: This code was formerly called ASGMT.

AD-A070 449 GENERAL RESEARCH CORP MCLEAN VA OPERATIONS ANALYSIS GROUP F/G 5/1
ANALYSIS TO DETERMINE FUNCTIONAL AND SYSTEMS REQUIREMENTS FOR A--ETC(U)
MAY 79 F O DEPPNER, J J ANDERSON, W C SCULLY MDA903-78-C-0445
UNCLASSIFIED 1070-03-79-CR NL

2 OF 2
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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Mobilization Command Assignment		MBCMD
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		47
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	OCE and FORSCOM	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-ODO or ODM	AR 680-29, AR 310-49	

(10) Definition:

Major command or agency to which a unit is assigned after mobilization.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

MACOM

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Notes: The codes used in this data element are the same as the ASGMT (MACOM) codes.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Mobilization Location Code	MBLOC
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	48

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
3 Alpha/Num	OCE and FORSCOM	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-ODM	DA Pam 525-12 or 525-13

(10) Definition:

The planned station of a unit after mobilization. Within CONUS the code is a combination of an Army area and state abreviation. Overseas the code is an abbreviation of the country.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

CONUS Code		Overseas Code
Position 1	Army Area	Single Component
Position 2-3	State Abbreviation	Country Abbreviation

Complete list of codes is found in DA PAM 525-12 or 525-13.

Notes: The MBLOC codes are the same as the LOCCO codes.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Mobilization Period		MBPRD
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		49
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
3 Alpha/Num	DAMO-ODO	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-ODM	AR 135-300	

(10) Definition:

Indicates the number of months after M-day that the unit will be activated or called to active military service (the data value "OOM" indicates an active Army unit on M-day).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Mobilization Station		MBSTA
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		50
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
9 Alpha/Num	OCE and FORSCOM	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDA	DA Pam 525-12 or 525-13	

(10) Definition:

The current station for Active Army units in CONUS, the mobilization station of USAR and ARNG units, and the name of the country for all overseas units.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Complete list of all codes is contained in DA Pam 525-12 or 525-13.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Personnel Occupational Specialty Code	MOSCO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS (AS)	51

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Alpha/Num	DCSPER/MILPERCEN	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponent	AR 611 Series

(10) Definition:

Identifies the military or civilian occupational skills required to perform the principal duties of a position.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

ASICO, LICCO

(12) Lead Time Requirement:	(13) Input Mode:
CAT II and III	DISK

(14) Components and Values:

Make-up of Occupational Specialty Codes for officer, warrant officer, and enlisted personnel with a complete list of all codes is contained in AR 611 series.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Note Reference Number		NTREF
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		52
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2	DAMO-FDA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
(10) Definition:		
Code reflects additional descriptive information for a unit.		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
(12) Lead Time Requirement:	(13) Input Mode:	
CAT I	DISK	
(14) Components and Values:		

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Operating Agency		OPAGY
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		53
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	COA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDF, DAMO-FDP	AR 37-100	

(10) Definition:

HQDA or HQDA subordinate organizational entity to which resources are allocated or suballocated.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Codes are listed in AR 37-100.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Operational Data		OPDAT
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		54
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha/Num	DAMO-SSW	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
System Generated	Respondent to NATO DPQ	

(10) Definition:

Indicates unit assignment to the U.S. force commitment in response to the NATO Defense Planning Questionnaire (DPQ).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Authorized Civilian Aggregate Strength	PACIV
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS) TAADS(AS)	55

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Num	DAMO-FDF	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	

(10) Definition:

Total of all civilian spaces.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PACIV (as indicated above) and AS uses AUCIV. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Authorized Enlisted Strength	PAENL
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS)	56

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Num	System Generated	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	FAS(FSS) User's Guide

(10) Definition:

Total programed authorized enlisted strengths for the unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

Position 1-5 = number of spaces authorized.

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PAEN (as indicated above) and AS uses AUENL. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Authorized Military Aggregate Strength	PAMIL
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS)	57

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5N	DAMO-FD	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	FAS(FSS) + AS User's Guide

(10) Definition:

Identifies the total of all programed authorized military strengths (ENL + OFF + WOF).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonics differs in that FSS uses PAMIL (as indicated above) and AS uses AUAGR. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Authorized Officer Strength	PAOFF
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS), CSGPA78	58

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Num	System Generated	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	FAS(FSS), TAADS(AS)

(10) Definition:

Total programed authorized officer strengths for the unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PAOFF (as indicated above) and AS uses AUOFF. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Personnel Authorizated from BOIP		PAUBO
(3) Other Systems Using This Data Element:		(4) Data Element Number:
SACS only (PERSACS)		59
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	TRADOC	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDA	AR 71-2	

(10) Definition:

Used to record the personnel requirements being reflected in the BOIP File in support of new equipment being programed into the force. Also, includes additional personnel used for support equipment as refelcted in the BOIP File.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Notes: Formerly AUBOI

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Personnel Authorized from Shorthand Notes	PAUSH
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only	60

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDA	

(10) Definition:

Used to identify additions, changes or deletions to personnel authorizations during a SACS computation as derived from the Shorthand Notes system.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Notes: Formerly AUSHN

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Personnel Authorized TAADS Strength		PAUTA
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		61
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
	AR 310-49	

(10) Definition:

The number of personnel authorized as identified in the TAADS.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Notes: Formerly AUTAD (as data element is AUAGR).

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Personnel Authorized TOE Strength		PAUTO
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TOE		62
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FD	AR 310-31
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	

(10) Definition:

The number of personnel authorized as identified in the TOE.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	Tape

(14) Components and Values:

Notes: Formerly AUTOE

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Unit Authorized Warrant Officer Strength		PAWOF
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS), TAADS(AS), CSGPA78		63
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5N	System Generated	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
System Generated	FAS(FSS), TAADS(AS)	

(10) Definition:

A total of the programed authorized warrant office strengths of a unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PAWOF (as indicated above) and AS uses AUWOF. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Program Element Code	PECOD
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	64

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
6 Alpha/Num	OSD	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponent	DOD Handbook 7045.7-H FYDP Program Structure Program Element

(10) Definition:

A program/budget code that groups the forces, manpower, and dollars associated with our organization or group of similar organizations. A building block of the FYDP.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

See attached breakout of components.

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Program Element Code	PECOD

(14) Components and Values:

Position 1 — Always identifies one of the 10 major programs of the FYDP-except a leading Ø identifies program 10-Support of Other Nations.

Position 2 & 3 — For Army Program 2 the second position will carry a "2" to denote Army Forces and the third position provides command of area identification.

221XXA	Alaska
222XXA	Atlantic
223XXA	Europe
224XXA	Pacific
225XXA	South
226XXA	FORSCOM
227XXA	Worldwide
228XXA	Other Conus

For Army Program 5 codes the second position identifies major active force program to which each relates; the third position distinguishes between Guard and Reserve element:

528XXA	General Purpose Forces-Army National Guard
529XXA	General Purpose Forces-Army Reserve

Positions 4 & 5 — These two positions provide identification and verification of similar resources throughout the structure.

XXX96A	Base Operations
XXX98A	Management Headquarters

Position 6 — Will always carry an "A" to identify an Army Program Element.

SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Phase Code	PHASE
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS(AS)	65

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha	USAMSSA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	

(10) Definition:

Identifies the phase or progression through steps in the evalution of an MTOE document from its inception to its demise.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
T	In Process document
D	Approved document
1/2/3	Document designated to be moved to History
4/5	Restored History document

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
POMCUS ID for LIN	POMCL
(3) Other Systems Using This Data Element:	(4) Data Element Number: 66

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:

(10) Definition:

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	

(14) Components and Values:

Notes: This is a new data element.

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SACS DATA ELEMENT DESCRIPTION

(1) Name: POMCUS ID for Unit		(2) Mnemonic: POMCU
(3) Other Systems Using This Data Element:		(4) Data Element Number: 67
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
(10) Definition:		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
(12) Lead Time Requirement: CAT I	(13) Input Mode:	
(14) Components and Values: Notes: This is a new data element.		

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Personnel Requirement from BOIP		PRBOI
(3) Other Systems Using This Data Element:		(4) Data Element Number:
SACS only		68
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	TRADOC	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDA		

(10) Definition:

Indicates the number of personnel required as derived from the BOIP system.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Required Civilian Aggregate Strength		PRCIV
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS), TAADS(AS)		69
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
System Generated	SACS User's Guide	

(10) Definition:

The total of all the civilian manpower positions programed for a unit as required.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) *Lead Time Requirement:*	(13) Input Mode:
CAT II & III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PRCIV (as indicated above) and AS uses RQCIV. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Required Enlisted Strength		PRENL
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS), TAADS(AS)		70
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):		(9) Document(s) Authorizing Data Element/Values:
System Generated		

(10) Definition:

The total number of enlisted positions programed for a unit as required.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II & III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PRENL (as indicated above) and AS uses RQENL. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Required Military Aggregate Strength		PRMIL
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS), TAADS(AS)		71
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Num	DAPE-MB	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
System Generated	SACS User's Guide	

(10) Definition:

Total of all required military spaces in an MTOE or TDA document.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II & III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PRMIL (as indicated above) and AS uses RQAGR. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Personnel Remarks - One	PRMK1
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS (AS)	72

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	DAPE	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
MTOE/TDA Proponent	AR 310-49/AR 680-29

(10) Definition:

Identifies the additional duties of personnel assigned to a unit. The remarks Codes are standard two position Codes and a maximum of two remark Codes may be applied. Non-standard Codes may be developed if necessary.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

The standard remark Codes are listed in AR 310-49 and AR 680-29.

Non-standard Codes will be constructed using one of the following alpha characters in the 1st position of the Code - T, U, V, X, Z. The second position will contain an alpha character A through Z (except I and 0).

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Personnel Remarks - Two		PRNK2
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		73
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	DAPE	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MTOE/TDA Proponent	AR 310-49 and AR 680-29	

(10) Definition:

Identifies the additional duties of personnel assigned to a unit. The remarks codes are standard 2 position codes and a maximum of two remark codes may be applied. Non-standard codes may be developed if necessary.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Notes: See data element 72.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Required Officer Strength		PROFF
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS), TAADS(AS)		74
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
System Generated	SACS User's Guide	

(10) Definition:

The total number of officer positions programed for a unit as required.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II & III	DISK

(14) Components and Values:

Notes: This data element appears in both the FSS and AS, however the mnemonic differs in that FSS uses PROFF (as indicated above) and AS uses RQOFF. AS should be changed to conform for standardizations.

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SACS DATA ELEMENT DESCRIPTION

New Data Mnemonic

(1) Name:	(2) Mnemonic:
Personnel Required Shorthand Notes	PRQSH
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only	75

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	SACS User's Guide

(10) Definition:

Indicates additions, deletions, or changes to personnel strengths that are required to be made to the PERSACS file from SHN. These are usually last minute changes that have not had a chance to get into TAADS, TOE, or BOIP.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Notes: Formerly RQSHN

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SACS DATA ELEMENT DESCRIPTION

New Data Mnemonic

(1) Name:		(2) Mnemonic:
Personnel Required TAADS Strength		PRQTA
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		76
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):		(9) Document(s) Authorizing Data Element/Values:
MTOE/TAD Proponent		

(10) Definition:

Indicates the total required personnel strength as indicated in the TAADS record.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Notes: Formerly RQTAD

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SACS DATA ELEMENT DESCRIPTION

New Data Mnemonic

(1) Name:	(2) Mnemonic:
Personnel Required TOE Strength	PRQTO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TOE	77

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	TRADOC	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
TRADOC	

(10) Definition:

Indicates the total required personnel strength as indicated in the TOE record.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	Tape

(14) Components and Values:

Notes: Formerly RQTOE

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Required Warrant Officer Strength		PRWOF
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS), TAADS(AS)		78
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
System Generated		

(10) Definition:

Total of all required warrant officer spaces.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II & III	DISK

(14) Components and Values:

Notes: This data element appears in both FSS and AS, however the Mnemonic differs in that FSS uses PRWOF (as indicated above) and AS uses RQWOF. AS should be changed to conform for standardization.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Record Control Number	RCNUM
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS(AS)	79

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Num	System Generated	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	

(10) Definition:

Identifies record type, i.e., equipment or personnel requirements and authroizations. Internal system control.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
1	Personnel Record
2	Equipment Record

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Report Code	REPCO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	80

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha	DAMO-ODO or ODM	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-ODO or ODM	Army Capabilities Plan, Volume II

(10) Definition:

Used to retrieve mobilization reports indicating the deployment status of units.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
T	Deployed or Depolyable
P	Split
C	Potentially deployable
	Non-Deployable Categories
N	Field generated mobilization requirement
Q	HQDA generated mobilization requirement
U	Undetermined mobilization requirement
D	Discontinued in the event of mobilization

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Required Equipment Quantity		REQEQ
(3) Other Systems Using This Data Element:		(4) Data Element Number:
TAADS (AS)		81
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Num	DCSLOG	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
MTOE/TDA Proponent	AR 310-49 (AS User's Guide)	

(10) Definition:

Indicates the total amount of equipment required.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II & III	DISK

(14) Components and Values:

Notes: This data element is identified as RQRES in the SACS.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Readiness Objective Code	ROBCO
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	82

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Alpha/Num	FORSCOM and DAMO-OD	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-OD	FAS(FSS) User's Guide

(10) Definition:

Identifies active Army or reserve component units as part of a specific grouping as defined by current operational plans.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

DAMPL-DAPPL, ASGMT, COMPO

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Position 1 - Type Corps
Position 2 - Category of Corps
Position 3 - POMCUS indicated

A 3-position alphanumeric code. The ROBCO will show at a glance when a unit has more than one functional mission. The ROBCO is constructed by selecting one letter for each position from the tables contained in the FSS User's Guide, pages E-23 and E-24. For example, an "EAB" ROBCO indicates either a Lt or Hvy Corps, Airborne "D", and MR-LOGAEUR.

Notes: Reserve components must be accommodated for POMCUS identification.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Required Strength - Personnel	RQSTR
(3) Other Systems Using This Data Element:	(4) Data Element Number:
TAADS (AS)	83

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Num	DAMO-FED	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	AR 310-49 (AS User's Guide)

(10) Definition:

Indicates the grand total of all required military and civilian.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II & III	DISK

(14) Components and Values:

Notes: This data element is identified as RQRES in the SACS.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Source of Detail Data	SORCE
(3) Other Systems Using This Data Element:	(4) Data Element Number:
SACS only	84

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Num	USAMSSA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
System Generated	SACS User's Guide

(10) Definition:

Source of data - i.e., TAADS, TOE, SHN, etc.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	N/A

(14) Components and Values:

Code	Definition
01	TAADS unfactored
02	TOE unfactored
04	Tank Arm
05	TAADS Factored
06	TOE Factored
08	BOI
16	SHN
32	COPY
64	AIR Arm
128	NEG Suppression
256	Multiply

If one source of data is used the above code is entered, in binary, into the field (e.g., TOE is the source, 02 is entered in the field). If more than one source is used the sum of the above codes is entered, in binary, into the field (e.g., TAADS and SHN are the source, 17 is entered in the field.

Notes: The data values are expressed in binary. They are candidates for change.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Split Unit Indicator	SPLIT
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	85

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Alpha	DAMO-FDF or FDP	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	FAS(FSS) User's Guide

(10) Definition:

Identifies a unit and an element thereof that are assigned to different MACOMS/ LOCATIONS. Both the basic unit and the separate element must submit TAADS document.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

Descriptive designator, ASGMT, LOCCO, ARLOC

(12) Lead Time Requirement:	(13) Input Mode:
CAT II	DISK

(14) Components and Values:

Code	Definition
S	Split Unit

Notes: The split unit indiactor must trigger processing to generate geographical data pertaining to the split unit.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Standard Requirements Code	SRCTO

(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS)	86

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
13 Alpha/Num	TRADOC	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	AR 310-31

(10) Definition:

Identifies the basic TOE or elements and variations thereof (MTOE) plus additional TAADS information. This Code does not apply to TDA units.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Position 1-2	Base Number
Position 3-5	Sub Number
Position 6	Suffix
Position 7	Year
Position 8-9	Variation
Position 10	Authorized level of Organ
Position 11	Change Number
Position 12-13	Paragraph Number

The basic 9 positions are out of the TOE, the other 4 positions are user generated.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Staff Analyst		STAFA
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		87
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
3 Alpha/Num	DAMO-FD	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDF, DAMO-FDP, DAPE-MBA	FSS User's Guide	
(10) Definition:		
Identifies the analyst who prepared data input.		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
(12) Lead Time Requirement:	(13) Input Mode:	
CAT I	DISK	
(14) Components and Values:		

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Unit Status Code		STATS
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		88
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	MILPERCEN	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDA	AR 680-29	

(10) Definition:

Used to associate the UICOD of an Active Army Unit with a specific category of personnel with respect to state of readiness for use in specific roles, missions, or activities.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Acceptable Codes are listed in AR 680-29.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Station Name		STNNM
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		89
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
9 Alpha/Num	DCSOPS	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	DA PAM 525-12 or 525-13

(10) Definition:

Indicates the name or abbreviated name of the post, camp, or station where a unit is or is planned to be located.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Termination Date		TDATE
(3) Other Systems Using This Data Element:		(4) Data Element Number:
SACS only		90
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
6 Num	DAMO-FDA	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
System Generated	SACS User's Guide	

(10) Definition:

Indicates the date that the information file is no longer current. The TDATE of one record for a given UIC is equal to the EDATE of the next record for the same UIC. If no next record exists the TDATE is 999999.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II	N/A

(14) Components and Values:

Positions 1-2 Year
Positions 3-4 Month
Positions 5-6 Day

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Troop Program Sequence Number	TPSNA
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	91

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Alpha/Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	AR 18-19

(10) Definition:

A code which groups units by mission, type, and size.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

MTOE Units

Position 1	Category
Position 2-3	Branch
Position 4-5	Sequence by type and size

TDA Units

Position 1	Category
Position 2	Special Class
Position 3-4	Activity Code
Position 5	Sequencing by type and size

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SACS DATA ELEMENT DESCRIPTION

(1) Name:		(2) Mnemonic:
Type Code		TYPCO
(3) Other Systems Using This Data Element:		(4) Data Element Number:
FAS(FSS)		92
(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
1 Num	DAMO-FDU	
(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:	
DAMO-FDF or FDP or System Generated	FAS(FSS) User's Guide	

(10) Definition:

Identifies the basic organization of a unit.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Code	Definition
1	MTOE Unit
2	TDA Augmentation to an MTOE Unit
3	TDA Unit

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Identification Code	UICOD
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS), TAADS(AS), AFP(P/BS)	93

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
6 Alpha/Num	DAMO-FDA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	AR 310-49

(10) Definition:

A code that uniquely identifies each parent unit or separate company or detachment under an MTOE or TDA organization (called a unit).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Codes are established and controlled by DAMO-FDA. They are registered in the Unit Identification System (UIS).

Position 1 Service code
Position 2-4 Parent organization code
Position 5-6 Descriptive designator

Notes: Cross-reference inactivations to activations is required.

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Classification Code	UNCLC
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS)	94

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
5 Alpha/Num	DAMO-FDF	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	FAS(FSS) User's Guide

(10) Definition:

A classification of Army units according to the functions they perform. Subfunctions are further stratified within the 11 major functional categories.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

Position 1 Function (total of 11)
Position 2 Subfunction (total of 63)
Position 3 A further definition of the functional category
Position 4 Numbered in order as required
Position 5 The letter designator of subordinate units. This letter designator can only be used when subordinate units can be functionally described by this designator.

	Pos 1 & 2 of UNCLC
Maneuver Function	1X
Divisions	11
Brigades	12
Infantry Combat Units	13
Armor Combat Units	14
Cavalry Units	15
Field Artillery Units	16
Aerial Fire Support Units	17
Airmobility Support Units	18
Missile and Air Defense Function	2X
Surface-to-Surface Missile Units	21
Missile and Air Defense Units	22

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Unit Classification Code	UNCLC

(14) Components and Values: (Cont.)

	Pos 1 & 2 of UNCLC
Intelligence and Reconnaissance Functions	3X
Military Intelligence Units	31
Intelligence Support Units	32
Army Security Agency Units	33
Topographic Units	34
Command, Control and Communication Function	4X
Tactical Headquarters Units	41
Logistic Headquarters Units	42
Signal Communication Units	43
Signal Communication Support Units	44
Aviation Command Support Units	45
Military Policy Command Support Units	46
Engineer Function	5X
Engineer Combat Units	51
Engineer Construction Units	52
Engineer Utilities and Service Units	53
Transportation Function	6X
Transportation Headquarters and Movements Control Units	61
Transportation Transportation Units	62
Transportation Terminal Operating Units	63
Transportation Railway Units	64
Air Transport Units	65
Medical Function	7X
Medical Headquarters Units	71
Medical Forward Support/Evacuation Units	72
Medical General Support Units	73
Medical Support Units	74
Dental Support Units	75
Veterinary Support Units	76
Medical Supply and Maintenance Units	77
Supply and Maintenance Function	8X
Supply and Maintenance Units	81
Supply and Service Units	82
Ammunitions Supply Units	83
Special Ammunitions Units	84
Petroleum Supply Units	85

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Unit Classification Code	UNCLC

(14) Components and Values: (Cont.)

	Pos 1 & 2 of UNCLC
Supply and Maintenance Function (Cont.)	
General Maintenance Units	86
Aircraft and Missile Maintenance Units	87
Railway, Floating Craft, and Amphibious Maintenance Units	88
Chemical Units	89
Administration Function	9X
Personnel Replacement Units	91
Personnel Services Units	92
Military History and Public Information Units	93
Military Policy Law and Order Units	94
Military Police Prisoners/War Units	95
Graves Registration Units	96
Special Operations Function	0X
Special Forces Units	01
Civil Affairs Units	02
Psychological Operations Units	03
Advisory Units	04
Special Activities Function	AX
Command and Management	A1
Training	A2
Research and Development	A3
Installation Support	A4
Industrial and Material	A5
Army Wide Services	A6
DOD, Joint, and International	A7
National Guard, Army Reserve and ROTC	A8
Miscellaneous	A9
	3d Pos of UNCLC
OSD controlled units	1
Other units	2
Headquarters units	3
Additional units as required	4-9
	4th Pos of UNCLC
Numbered in order as required	

SACS DATA ELEMENT DESCRIPTION (con't)

(1) Name:	(2) Mnemonic:
Unit Classification Code	UNCLC

(14) Components and Values: (Cont.)

	5th Pos of UNCLC
Augmentation	A
Company	C
Platoon	P
Headquarters or HQ Support	H
Detachment	D
Team	T
Subordinate HQ	S
A controlled unit appearing in the FYDP	X

SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Number	UNMBR
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS(FSS) TAADS(AS)	95

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
4 Alpha/Num	DAAG-ZA	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	AR 220-5

(10) Definition:

For MTOE units this is the numerical portion of the unit designation (e.g., 82d Airborne Div = 0082). For TDA units the first four characters UICOD are used, TDA augmentations carry the number of the unit augmented.

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT I	DISK

(14) Components and Values:

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SACS DATA ELEMENT DESCRIPTION

(1) Name:	(2) Mnemonic:
Unit Package Identification Designator	UNPID
(3) Other Systems Using This Data Element:	(4) Data Element Number:
FAS (FSS)	96

(5) Field Length and Type:	(6) Office of Primary Responsibility:	(7) Security Classification:
2 Alpha/Num	DAMO-FDF or FDP	

(8) Source/Update (Office, System, Master List, etc.):	(9) Document(s) Authorizing Data Element/Values:
DAMO-FDF or FDP	FAS(FSS) User's Guide

(10) Definition:

Identifies unit as part of a specific force grouping (e.g., an initial or sustaining support increment).

(11) Other Data Element(s) Related to/Dependent on this Data Element:

(12) Lead Time Requirement:	(13) Input Mode:
CAT II	DISK

(14) Components and Values:

A 2-position alphanumeric code. The following USAREUR UNPIDS are the only ones that are currently being used as of the publication of this User's Guide.

	UNPID
USAREUR HQ	AA
HQ Staff Activities	AB
Assigned Activities	AC
AG Postal Group/MILPERCEN/21st Replacement Bn	AD
7th Army Training Center	AE
21st Support Command	AF
Berlin Bde	AG
SETAF	AH
Procurement Agency and ISAE	AI
32d AADCOM	AJ
7th Signal Bde	AK
Medical Command	AL
4th Transportation Bde	AM
10th Support Forces	AN
11th Aviation Group	AO
56th Field Artillery Bde	AP
59th Ordnance Bde	AQ
18th Engineer Bde	AR
3d Bde, 2d Armored Div	AS

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SACS DATA ELEMENT DESCRIPTION

(1) Name: Unit Description		(2) Mnemonic: UNTDS
(3) Other Systems Using This Data Element: FAS (FSS)		(4) Data Element Number: 97
(5) Field Length and Type: 21 Alpha/Num	(6) Office of Primary Responsibility: DAMO-FDA	(7) Security Classification:
(8) Source/Update (Office, System, Master List, etc.): DAMO-FDF or FDP	(9) Document(s) Authorizing Data Element/Values: AR 18-19	
(10) Definition: The shortened title of a unit (i.e., employing abbreviations). It includes a 3-position unit level code (ULCCC).		
(11) Other Data Element(s) Related to/Dependent on this Data Element:		
(12) Lead Time Requirement: CAT I	(13) Input Mode: DISK	
(14) Components and Values:		

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APPENDIX C

SOURCE SYSTEMS FOR DATA ELEMENTS

Mnemonic	Description	DATA ELEMENT INPUT SOURCE			DATA ELEMENT OUTPUT DESTINATION				Remarks
		Primary input	Secondary input	Modification input	LOGSACS Header	LOGSACS Detail	PERSACS Header	PERSACS Detail	
ACTCO	Action Code	FAS(FSS)			X		X		
ADCON	Army Deployment Control Code	FAS(FSS)			X		X		Each EDATE must have an ADCON for use as required.
AMSCO	Army Management Structure Code	FAS(FSS)			X		X	X	TDA detail only.
ARLOC	Army Location Code	FSS			X		X		See Station Code (STACO) in FAS System.
ASICO	Additional Skill Indicators	TAADS(AS)						X	Provision must be made for at least two ASIs.
AUBFA	Authorized Before Factoring	TAADS(AS)						X	
AUSTR	Authorized Strength	TAADS(AS)	TOE	BOIP/SHN				X	By grade, MOS, ident, branch
AUTHR	Authority	FAS(FSS)			X		X		
AUTEQ	Authorized Equipment	TAADS(AS)	TOE	BOIP/SHN		X			
BASIS	Basis Code	FAS(FSS)			X		X		
BPTRI	BOIP Personnel Tradeoff Requirement Indicator	SACS				X		X	This is a new data element.
BRNCH	Branch of Service Code, Unit	FAS(FAS)			X		X		This data element appears in the Header file.
BRNCP	Branch of Service Code, Personnel	TAADS(AS)	TOE	BOIP/SHN				X	This data element is used to relate individual authorizations to a specific branch.
CARSS	Combat Arms Regimental System	FAS(FSS)			X		X		
CATCO	Category Code	FAS(FSS)	TAADS(AS)		X		X		
CCNUM	Command Control Number	FAS(FSS)	TAADS(AS)		X		X		CCNUM is provided to FAS(FSS) by TAADS(AS)
CHGNR	SRC Change Number	FAS(FSS)	TAADS(AS)		X		X		
COMPO	Component Code	FAS(FSS)			X		X	X	
DAMPL	Department of Army Master Priority List	FAS(FSS)			X		X		Applies to current and budget years
DAPPL	Department of Army Programming Priority List	FAS(FSS)			X		X		Applies to program years beyond CY & BY
DOCNO	Document Number	FAS(FSS)	TAADS(AS)		X		X		This data element was previously the MTOEC
DPMNT	Deployment Area and Month	FAS(FSS)			X		X		
DSCMP	Display/Compute Indicator	FAS(FSS)			X		X		
EDATE	Effective Date	FAS(FSS)			X	X	X	X	FAS(FSS) EDATE controls

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Mnemonic	Description	DATA ELEMENT INPUT SOURCE			DATA ELEMENT OUTPUT DESTINATION				Remarks
		Primary input	Secondary input	Modification input	LOGSACS		PERSACS		
					Header	Detail	Header	Detail	
ELSEQ	Element Sequence Number	FAS(FSS)			X		X		
ERCOD	Equipment Readiness Code	TAADS(AS)				X			This data element must be added to TOE
FICOD	Force Identification Code	FAS(FSS)			X		X		
FNCAT	Functional Category Code	FAS(FSS)			X		X		
FORCO	Force Code	FAS(FSS)			X		X		
GRADE	Grade or Position	TAADS(AS)	TOE	BOIP/SHN				X	
IDENT	Identity Code	TAADS(AS)	TOE	BOIP/SHN				X	
JCSTY	JCS Unit Type Code	FAS(FSS)			X		X		
LAOTH	Logistics Authorized, Other	SACS				X			
LAUBO	Logistics Authorized from BOIP	BOIP		SHN		X			
LAUSH	Logistics Authorized from Shorthand Notes	SHN				X			
LAUTA	Logistics Authorized TAADS Quantity	TAADS(AS)		BOIP/SHN		X			
LAUTO	Logistics Authorized TOE Quantity	TOE		BOIP/SHN		X			
LICCO	Language Identification Code	TAADS(AS)	TOE					X	
LINUM	Line Item Number	TAADS(AS)	TOE	BOIP/SHN		X			
LOCCO	Location Code	FAS(FSS)			X		X		
LRBOI	Logistics Requirement from BOIP	BOIP		SHN		X			
LROTH	Logistics Required, Other	SACS				X			
LRSHN	Logistics Required from Shorthand Notes	SHN				X			
LRTAD	Logistics Required TAADS Quantity	TAADS(AS)	TOE	BOIP/SHN		X			
LRTOE	Logistics Required TOE Quantity	TOE		BOIP/SHN		X			
MBCMD	Mobilization Command Assignment	FAS(FSS)			X		X		
MBLOC	Mobilization Location Code	FAS(FSS)			X		X		
MBPRD	Mobilization Period	FAS(FSS)			X		X		
MBSTA	Mobilization Station	FAS(FSS)			X		X		
MACOM	Major Command	FAS(FSS)	TAADS(AS)		X		X	X	This is the first two positions of the 6 A/N CCNUM

Mnemonic	Description	DATA ELEMENT INPUT SOURCE			DATA ELEMENT OUTPUT DESTINATION				Remarks
		Primary input	Secondary input	Modification input	LOGSACS Header	LOGSACS Detail	PERSACS Header	PERSACS Detail	
MOSCO	Personnel Occupational Specialty Code	TAADS(AS)	TOE	BOIP/SHN				X	
NTREF	Note Reference Number	FAS			X		X		Not recommended for use in FORDIMS
OPAGY	Operating Agency	FAS(FSS)			X		X		
OPDAT	Operational Data	FAS(FSS)			X		X		
PACIV	Unit Authorized Civilian Aggregate Strength	FAS(FSS)			X		X		Must be system generated
PAENL	Unit Authorized Enlisted Strength	FAS(FSS)			X		X		
PAMIL	Unit Authorized Military Aggregate Strength	FAS(FSS)			X		X		Must be system generated from FAS(FSS)
PAOFF	Unit Authorized Officer Strength	FAS(FSS)			X		X		
PAUBO	Personnel Authorized from BOIP	BOIP		SHN				X	This is a new data element
PAUSH	Personnel Authorized from Shorthand Notes	SHN						X	This is a new data element
PAUTA	Personnel Authorized TAADS Strength	TAADS	TOE	BOIP/SHN				X	This is a new data element
PAUTO	Personnel Authorized TOE Strength	TOE		BOIP/SHN				X	This is a new data element
PAWOF	Unit Authorized Warrant Officer Strength	FAS(FSS)			X		X		
PECOD	Program Element Code	FAS(FSS)			X		X		
PHASE	Phase Code	FAS(FSS)			X		X		
POMCL	POMCUS ID for LIN	TAADS(AS)				X			This is a new data element
POMCU	POMCUS ID for Unit	FAS(FSS)			X		X		This is a new data element
PRBOI	Personnel Requirement from BOIP	BOIP		SHN				X	
PRCIV	Required Civilian Aggregate Strength	FAS(FSS)	TAADS(AS)		X			X	
PRENL	Required Enlisted Strength	FAS(FSS)	TAADS(AS)/TOE	BOIP/SHN	X		X		
PRMIL	Required Military Aggregate Strength	FAS(FSS)	TAADS(AS)/TOE	BOIP/SHN	X		X		
PRMK1	Personnel Remarks 1	TAADS(AS)						X	RMKS data should be incorporated in TOE
PRMK2	Personnel Remarks 2	TAADS(AS)						X	RMKS data should be incorporated in TOE
PROFF	Required Officer Strength	FAS(FSS)	TAADS(AS)/TOE	BOIP/SHN	X		X		

Mnemonic	Description	DATA ELEMENT INPUT SOURCE			DATA ELEMENT OUTPUT DESTINATION				Remarks
		Primary input	Secondary input	Modification input	LOGSACS Header	LOGSACS Detail	PERSACS Header	PERSACS Detail	
PRQSH	Personnel Required Shorthand Notes	SHN						X	
PRQTA	Personnel Required TAADS Strength	TAADS(AS)		BOIP/SHN				X	
PRQTO	Personnel Required TOE Strength	TOE		BOIP/SHN				X	
PRWOF	Required Warrant Officer Strength	FAS(FSS)	TAADS(AS)/TOE	BOIP/SHN	X		X		
RCNUM	Record Control Number	SACS				X		X	System generated to identify personnel and equipment records
REPCO	Report Code	FAS(FSS)			X		X		
REQEQ	Required Equipment Quantity	TAADS(AS)	TOE	BOIP/SHN		X		X	
RDBCO	Readiness Objective Code	FAS(FSS)			X		X		
RQSTR	Required Strength Personnel	TAADS(AS)	TOE	BOIP/SHN		X			
SORCE	Source of Detail Data	SACS				X		X	System generated
SPLIT	Split Unit Indicator	FAS(FSS)			X		X		Location data must be associated with all split units
SRCTO	Standard Requirements Code	FAS(FSS)	TAADS(AS)		X		X		SRC control must be in FAS (FSS)
STAFA	Staff Analyst	FAS(FSS)			X		X		This data element was formerly VCHNR-Voucher Number
STATS	Unit Status Code	FAS(FSS)			X		X		
STNNM	Station Name	FAS(FSS)			X		X		
TDATE	Termination Date	SACS			X	X	X	X	This data element must be included in the FSS and AS
TPSNA	Troop Program Sequence Number	FAS(FSS)			X		X		
TYPCO	Type Code	FAS(FSS)			X		X		
UICOD	Unit Identification Code	FAS(FSS)			X		X		
UNCLC	Unit Classification Code	FAS(FSS)			X		X		
UNMBR	Unit Number	FAS(FSS)	TAADS		X		X		Element kept in FSS but dropped in AS in FORDIMS
UNPID	Unit Package Identification Designator	FAS(FSS)			X		X		
UNTDS	Unit Description	FAS(FSS)			X		X		